



Associates of Cape Cod, Inc.
124 Bernard E Saint Jean Drive
E. Falmouth, MA 02536

28 April 2023

Dan McKiernan, Director
Massachusetts Division of Marine fisheries
836 S Rodney French Blvd,
New Bedford, MA 02744

RE: Proposed amendments to the Massachusetts Horseshoe Crab Fishery

Dear Director McKiernan,

Thank you for the opportunity to respond to the proposed amendments to Massachusetts Horseshoe Crab Management (322 CMR 6.34). Associates of Cape Cod, Inc. (ACC) shares the common desire to conserve the Horseshoe Crab (HSC) while advocating for the men, women and families who fish for this important animal and help support ACC in its role protecting human health. ACC has supported changes in regulations that have preserved and protected the horseshoe crab from exploitation and overharvest for many years. This includes, but is not limited to, the use of bait cups and bags, the rent-a-crab program, closed fishing days, size limit implementation, limits on entry to the fishery, implementing BMP's and decreases in trip limits, some of which were initiated by the fishing community.

The results of the trawl surveys over the past few years and most recently the beach surveys showing increases in population are both encouraging and exciting. ACC appreciates the efforts of the Division of Marine Fisheries and the New England Marine Fisheries Council who have the responsibility of promoting fisheries, while simultaneously being guardian of those same fisheries. We also want to acknowledge the fisherpersons and businesses who incorporated the new regulations to help improve and conserve this most valuable fishery. We respectfully submit the following comments for consideration:

Permitting.

a. *Establish a new biomedical horseshoe dealer permit.*

ACC supports this proposal.

b. Establish a new biomedical processor dealer permit. This permit may be limited in issuance.

ACC supports this proposal.

2. Conservation.

a. Adopt a January 1 – May 31 closure to all horseshoe crab harvest and rescind the existing five-day closures around each new and full moon from mid-April through June.

ACC prefers a catch and release fishery as we believe this is the most conservative use of this precious resource. That said, at the commonwealth's urging, for more than 20 years ACC has participated in the rent-a-crab program in which crab caught by the bait industry pass through ACC from bait dealers and a portion of the blood removed before returning to the dealer for use as bait. ACC feels that it is an efficient use of bait crabs to be utilized in this manner whenever possible. In doing so, this practice decreases the overall taking of crabs and serves as an effective tool in conservation of the resource. As a result of ACC's agreement over 20 years ago, our business model now reflects a reliance on the bait market for a portion of the total number of horseshoe crabs needed annually.

Because many of the crabs entering the bait market are harvested in April and May, the business model also utilizes and offers employment opportunities to dozens of higher education students each year, many of whom begin employment in April and May. ACC is concerned that a complete closure in May will create difficulty for our fisherman and dealers who are coming out of winter, and often rely on the HSC fishery in the spring. ACC is also concerned that the delay in harvest until June will impact our ability to train and retain incoming students and may impact our ability to secure employees who may not be willing to wait until June to begin working and seek employment elsewhere. This impacts our current structure, and students may lose the opportunity to work in an FDA regulated, ISO certified facility gaining invaluable real-world experience in life science manufacturing.

As an alternative we suggest a hybrid that will allow a limited fishery in the spring, while achieving the goal of reducing removals in the spring as additional conservation efforts. Some examples:

- Allow a limited harvest in April and May. 300/day exclude weekends for ease of enforcement.
- Close the fishery May 1 to May 15. Allow a limited fishery from May 15 to May 31. Set trip limits at 300/day for all participants. No fishing / landings on weekends. This totals 13 days of fishing in May at a reduced trip limit for hand harvest, biomedical mobile gear.
- Reduce landings in May with a quota for that month. 300/day for all methods. Perhaps 30 - 35k crabs roughly ½ of typical annual harvest.

This allows some access to the fishery for hand harvesters and allows the Fluke fleet / other mobile gear to participate in fishery in a limited capacity. This provides access to the market for crabs landed as bycatch and limits a directed fishery. It is easily enforceable and supports the goal of additional conservation efforts.

Other alternative suggestions:

- Trip limit in April through May 200/day for hand harvesters, 300 for draggers. Excluding weekend fishing.
- Consider keeping January through March open for the possession of bycatch. Small numbers of crab are taken by clammers during these months.

b. Establish an annual processor quota for the biomedical fishery of 200,000 horseshoe crabs. This quota will be allocated evenly among biomedical processors.

ACC does not support this proposal at this time.

c. Reduce the bait quota by 25,000 horseshoe crabs from 165,000 to 140,000 horseshoe crabs.

ACC does not support this reduction. Data produced by multiple surveys over multiple years strongly suggests that the population of HSC in Massachusetts is growing, particularly in the areas where most fishing efforts take place. This is the result of good management and sacrifices the fishing community has made. Consider keeping this quota the same as previous years. Fisherman / vendors should not be penalized in an environment where HSC populations are stable/growing.

3. Bait Fishery Trip Limits

a. Consider increasing the trip limits for all permitted mobile gear harvesters June 1 up to 500 crabs, 300 for hand harvesters. Current limits are 300 crabs for permitted trawlers and 400 crabs for permitted hand harvesters.

ACC supports this proposal.

b. Consider re-issuing Letters of Authorization to certain mobile gear fishers who do not hold a horseshoe crab permit to land a full trip limit of horseshoe crabs, not the 75-horseshoe crab incidental limit.

ACC supports this proposal.

4. Reporting. Beginning in 2024, require daily electronic reporting for all bait and biomedical harvesters.

ACC supports this proposal. Consider weekly reporting if possible / sufficient given that weather and tides can dictate appropriate times to fish, and daily reporting could be difficult for fisherman to successfully comply.

5. Permit Conditions. Adopt certain existing permit conditions affecting biomedical harvesters, biomedical dealers, and biomedical processors in regulation.

ACC supports this proposal.

In conclusion ACC would like to acknowledge the DMF staff and members of the MFAC for the continued efforts and success in managing this most important fishery. Thank you for the opportunity to provide written comment on these proposed regulation changes.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brett Hoffmeister", with a long horizontal flourish extending to the right.

Brett Hoffmeister

LAL manufacturing Manager

A handwritten signature in blue ink, appearing to read "Tobias Mattes", with a long horizontal flourish extending to the right.

Tobias Mattes

Director, Manufacturing & Supply Chain Management

From: [joanne burns](#)
To: [Fish, Marine \(FWE\)](#)
Subject: ATTN: Daniel McKiernan - Director DMF
Date: Monday, May 1, 2023 4:56:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Dan,

Please consider this e-mail as my public written comments on the DMF's "Proposal to Adjust Commercial Horseshoe Crab Limits for 2023".

I was surprised by comments made by various "conservation" minded people at the April 24 meeting that included what I consider to be incorrect assertions based on little or no scientific information or even fact-based (though anecdotal) observations offered by reputable and valued and experienced sources.

As an historically licensed biomedical collector for as long and longer as there has been a license and the lifelong partner of Jay Harrington (who had more years of experience with scientific and biomedical collections than most, if not all current collectors) I feel that I can speak with some degree of knowledge of the history, management and abundance of the resource of horseshoe crabs in Pleasant Bay.

I quite understand that stewardship and management of the resource is of the utmost importance. I also understand that there are new considerations that need to be made due to the addition of another biomedical company's presence in the area. That changes the dynamic in every way. That having been said, I cannot help but say that up until Jay was unable to continue to manage his relationship to the resource in Pleasant Bay due to his illness, he did just that, manage the resource. That was by using best management practices, most implemented by he and his crew over many years, and as seen fit for adding to by both the DMF and Associates of Cape Cod. The fact that the resource was abundant and "predictable" for over 40 years I think speaks to the fact that management was done successfully. There was never a time when any scarcity or change in population was noted by anyone crabbing in Pleasant Bay. I believe that that continued last season and that improvements to BMP's continued to be made by the fishermen that had worked with Jay.

The conjecture of various groups of people who have no firsthand knowledge of the Bay other than what they have "heard", that there are many threats to the population in Pleasant Bay is unproven and not helpful by way of management. The comments about a significance of horseshoe crab eggs to Red Knots or other shore birds is just throwing mud at the wall in the hopes that something will stick. There is, to the best of my knowledge, nothing that indicates that there is any real impact on birds in the bay. It is not a staging area for Red Knots. The very minimal amount of birds on the return from the Arctic Circle will encounter very few if any horseshoe crab eggs that are not desiccated and unimportant as a food source. There are adequate other food sources. Nor do I see or hear any evidence that there has been a significant reduction in the population of crabs that would indicate that collection of crabs in the months of April or May was harmful to the population over all or to any birds.

While my words might seem to indicate that I am advocating for nothing to be done at all by way of further management is not the case.

What I would urge is that your Division take more time perhaps to look for further information and accurate and unbiased studies, as well as implementing other studies of the population dynamics of horseshoe crabs in Pleasant Bay. In the short term I would ask that you take another look at the new and full moon closures or some other practice that would allow for crabbing to take place on some days in April and May to see if there might be room to continue that practice in 2024 until or unless some conclusive studies are implemented with very strict and unbiased peer review.

I would also ask that a very strict look at the practices of the newly present biomedical company be taken. Crabs must be well taken care of from the second they are caught to the second they are returned to the water. Oversight of that seems to me to be a must.

I want to end by saying that I appreciate the daunting task that your entire management staff has to undertake in order to see that this incredibly important animal continues to prosper both for the health of the world but for it's own sake. You have my admiration always, as you did Jay's.

Sincerely,
Joanne F. Burns

May 1, 2023

Daniel McKiernan, Director
Massachusetts Division of Marine Fisheries
251 Causeway Street, Suite 400
Boston, MA 02114
marine.fish@mass.gov

RE: Written Commentary to DMF regarding proposed Horseshoe Crab regulations

Dear Director McKiernan,

We would like to thank you and the DMF for your diligent work and meaningful effort to sustainably manage the Massachusetts horseshoe crab resource.

Please accept this correspondence for submission containing our comments specific to the proposed changes to Commercial Horseshoe Crab Management by the MA Division of Marine Fisheries as presented at the April 24, 2023 Public Hearing held in Plymouth, Mass.

These comments address:

1. Biomedical Fishery - DMF Proposed establishment of a 200,000 Biomedical Quota
2. Bait Fishery - DMF Proposed Reduction of Bait Quota from 165,000 to 140,000
3. Tow Times
4. Fleet Management

Biomedical Fishery - Establishment of 200,000 Horseshoe Crab BioMedical Quota

The DMF Proposal is:

"Establish an annual biomedical fishery quota of 200,000 horseshoe crabs taken by Massachusetts biomedical fishers.

This quota will be distributed evenly among all permitted biomedical processors.

The state's biomedical fishery will close once 100% of this biomedical quota is taken."

Response:

We disagree with the proposal that a quota of 200,000 horseshoe crabs should be ***"distributed evenly among all permitted biomedical processors."***

With respect, we would argue that such an approach is contrary to the benefits of American Free Market principles.

In our opinion, this proposal leaves very little room for the Free Market to function in this precision fishery. It also seems to leave very little room for competitive skill and best practice-

operating procedures to play any role in the acquisition of Horseshoe Crabs, procedures, which in the long run, only serve to refine, improve, and progress the entire fishery.

In other words, a firm that is highly skilled at procuring and maintaining healthy biomedical horseshoe crabs from harvest to broadcast could be penalized by the DMF for what the DMF believes could come to pass, namely the "derby style" acquisition of horseshoe crabs which is the reason given to justify the imposition of the even distribution of this resource. It is akin to being punished for a crime that has not yet been committed. While we appreciate the DMFs thoughtful work on the entire issue, as already stated, we would like the DMF to be aware that this proposed regulation may serve the purpose of possibly insulating one firm while penalizing the other through subtraction and undue restraint of trade.

We would respectfully request that DMF allow the Free Market to work in regard to the acquisition of the 200,000 proposed biomedical quota. This would allow fair competition and permit whoever does the best job at acquiring and managing horseshoe crabs to do just that: acquire and manage horseshoe crabs by doing the best job and employing the best practices and procedures, whether it be 100,000 or indeed the whole proposed 200,000 quota.

Further, what happens if the other firm cannot reach its proposed 100,000 limit?

Will the DMF use the difference to justify some future reduction to the entire 200,000 quota?

One possible future argument in favor of additional quota reductions could state that, If the 200,000 quota has not been reached year after year because firm A can never reach its 100,000 quota, then why isn't the entire quota being reduced since it is not being caught or used?

Meanwhile, the entire 200,000 quota could indeed be met within the framework of The Free Market and outside of any tragedy of the commons scenarios by using best competitive practices, procedures, efficiencies, and sound fishing methods.

Lastly, if firm B only acquires 20,000 of its proposed 100,000, what happens to the other 80,000?

For example, the DMF's proposal states:

"The state's biomedical fishery will close once 100% of this biomedical quota is taken."

If 100% of the 200,000 horseshoe crab quota is not taken at a certain point because firm B has stopped acquiring horseshoe crabs, is firm A allowed to access that unused and stagnant quota?

What happens if firm B goes out of business? The above wording states that "the state's biomedical fishery will close once 100% of this biomedical quota is taken." If the biomedical quota is 200,000 but there is only one firm that is constrained at 100,000, how then could the biomedical quota technically close?

Allowing the Free Market to function would cut through all the confusion. There would be the 200,000 quota number, accessible on a fair playing field, and once that number is reached the state's biomedical fishery will close. We believe that this is a very straight forward approach.

If the DMF suspects that any firm is willfully employing “derby style” methods and/or willfully engaging in illegal acquisition or broadcast practices then, the DMF can take administrative and/or legal action to address any such problem or violation.

Bait Fishery - Proposed Reduction of Bait Quota from 165,000 to 140,00

The DMF Proposal is, in part:

“Reduce the bait fishery quota by 25,000 horseshoe crabs, from 165,000 horseshoe crabs to 140,000 horseshoe crabs annually.”

Response:

We disagree with this proposal.

What will the DMF do if the Conch Fishery needs additional bait supply at some point in the future? How will this be handled?

We propose that the DMF maintains the current bait quota of 165,000, withdraws an additional 25,000 horseshoe crabs from its 330,000-allotment savings, and use that amount against any mortality.

If the DMF decides to lower the bait quota from 165,000 to 140,000 conch fishermen and their families will be punished and the fishery will most likely never be able to access that quota again.

Tow Times

Before making any final decisions regarding tow times, can the DMF please meet with only working trawler fleet captains in order to receive their vital and specialized input on this specific aspect of the fishery? They have input and feedback for you.

Fleet Management - Broadcast of Processed Horseshoe Crabs

We submit that any firm engaged in the biomedical fishery should also be required to have a fleet management system so that the DMF can verify that all processed horseshoe crabs are broadcasted in compliance with regulation.

Respectfully,
Jamie Bassett
Matt Belson
Shellfish Broker LLC
95 Commerce Park # 5
South Chatham, MA 02659

May 1, 2023

Mr. Daniel J. McKiernan, Director & Marine Fisheries Advisory Commission
The Commonwealth of Massachusetts Division of Marine Fisheries
251 Causeway Street, Suite 400
Boston, MA 0214

Dear Mr. McKiernan,

I am writing in response to requests for comments regarding your proposal to amend the Massachusetts horseshoe crab regulations.

Big G Seafood, Inc. has been processing conchs and purchasing horseshoe crabs for bait in New Bedford for more than 40 years. I have personally been purchasing horseshoe crabs directly from hand-harvesters for 21 years during which harvesters and dealers have followed a myriad of increasingly restrictive regulations to maintain a healthy fishery for the future of ALL stakeholders. We believe that the proposed changes to the horseshoe crab regulations are excessive and inequitable, as they will effectively remove licenses from one group of fishermen to give increased access to others and may cause a bait-crab shortage.

It is recognized that the MA Division of Marine Fisheries has worked diligently for many years on the horseshoe crab FMP to maintain a healthy fishery as indicated in the following statement from your memo to MFAC dated February 8, 2023:

Both our spring and fall surveys show increasing abundance over the past 10-year stanza in terms of both mean stratified number of horseshoe crabs caught per tow and the percentage of tows with crabs present. Additionally, our spawning beach surveys show improving trends for most sites. Given these facts, I am of the view that we have successfully managed our local horseshoe crab populations over the past 10 years, benefiting from steady and predictable harvest rates, lunar spawning closures, and spatial protections afforded by harvest prohibitions within the Monomoy National Wildlife Refuge and the Cape Cod National Seashore and bait harvest protections in Pleasant Bay.

The table entitled MA Bait Horseshoe Crab Landings by Count, Gear Type and Year (2008 – 2021) also in your memo to MFAC dated February 8, 2023 illustrates that the average total yearly **hand-harvest** is approximately 60,000 crabs. With a Jan 1st – May 31st closure enacted it is likely that hand-harvesters will not be interested in catching a small number of crabs in June. This coupled with the proposed 25,000 bait crab quota reduction, may effectively greatly reduce the crabs available for bait. The amendments proposed may be potentially devastating to the conch industry and the health of the horseshoe crabs due to the following issues:

1. There may be a propensity for many to vie for biomed vs. bait permits, further reducing the bait available. Also, the matter of who is allowed to fish for 1,000 crabs at a potentially higher price

vs. 500 crabs at a lower price is inequitable and poses difficult issues for everyone involved in the crab industry.

2. Cutting the harvest season in half will remove the incremental steadiness of gathering crabs for biomedical bleeding that a longer season affords, causing a glut of crabs in a derby-style fishery and greater potential for increased mortality from penning during the warmest months of the year.
3. There are a limited number of draggers fishing for crabs. The reliability of their efforts is often tenuous due to equipment failures, weather, crew deficiencies, etc. versus the hand-harvest which is more reliable and consistent.
4. In the past decade draggers with crab permits have left the fleet without replacement.
5. The proposed aggregate fluke program may have a deleterious effect on the landing of crabs.
6. The new myriad of permits and varying allowances for biomed versus bait processors and harvesters poses greater fisheries/law enforcement difficulties.
7. Bait buyers will attempt to buy more than enough and be faced with the need to stockpile vats of frozen crabs for the Spring conch fishery in expensive commercial freezers that are increasingly at capacity and turning away bait versus food.

We are hopeful that decisions will be made to minimize the negative impacts the proposal to amend the horseshoe crab regulations portends for all stakeholders.

Sincerely,

Heather Haggerty, President
Big G Seafood, Inc.

April 30, 2023

Dear Director,

Please accept my comment on current proposed horseshoe crab regulation changes. I disagree with a complete closure to crab harvest until June 1 as well as the reduction in the bait quota to account for biomedical mortality. Crabs that are harvested early in the season are vital for a reliable bait source for the April/May conch fishery, which represents a significant percent of my yearly harvest. Lowering the quota seems to punish the conch and horseshoe crab fishers who have been subject to and following management plans to promote spawning and ensure healthy and sustainable fisheries.

Thank you,

Capt. Ronal Braun

Ronal Braun

#144802

Hey Dan

4/26/23

I would like to comment on the new proposal to the upcoming fluke and hcrab season of 2023

2. spawning closure

I do not agree with this closure because of the elimination of commercial fisherman who spent a life time of participation in this fishery there has to be a better way.

3. biomedical fishery

I agree with the quota. But would like to see a daily quota or catch limit of 500 crabs per day . To be equal to 500 bait crabs permit holders or loa letter holders. I feel at this limit all vessels will be equal and be able to reach sept1 without any shutdowns .

4. bait fishery

I would like to see a delay in any reduction for this year and wait for 2024 data.

1. Trip Limits

Option A

I am not for this proposal . I suggest eliminating this proposal

Option B.

I am against a trip limit increase at this time .I would like to stay at 500 lbs.of fluke a day and would agree to an increase to 1000 lbs sept.1

My final thoughts

Being at that Monday meeting when a crab picker of 25 years in the hcrab fishery was going to be eliminated from the fishery set the tone .I myself have been in the fluke fishery for almost 25 yrs feel the same way as he expressing that night with some off these proposal .The thing that makes this fishery work big or small boats is that where all equal in our catch limits if that changes it is not a summertime fishery lets keep it that way. or until sept.1.I also understand the pressure you are under seeing the different user groups and non user groups that were there.

Thank You

Philip Brazao

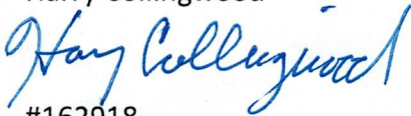
F/v Sarah Ann

4/30/2023

Dear Dan McKiernan,

Please accept my comments on the proposed horseshoe crab regulation changes. This fishery has been extremely important to me and my family for most of my life. Year after year the crab fishery has represented up to 25% of our family income. The crab fishery has been well managed and we are just seeing the positive results of conservative regulation changes. Bait fishers have taken daily possession limit decreases and no fishing days during higher spawning activity to provide a sustainable healthy stock. I disagree with the closure until June 1 as it seems to benefit the dragger fishery and simply close the beach fishery altogether or result in a derby style fishery in June. The reduction of the bait quota to make up for biomedical mortality I cannot agree with. We as bait harvesters want to see a healthy crab population/fishery and have already made sacrifices. With this fishery being of the utmost importance to me I urge the DMF to help equally represent this under represented fishery. Please keep the spring fishery open to harvest in some capacity as there are many more options to protect spawning crabs than to shutting down fishing altogether. Future changes should benefit conservationists, fishers, and most importantly the horseshoe crabs together, which can be done. Thank you for your attention to this very important issue.

Harry Collingwood



#162918



**Division of Marine Fisheries
251 Causeway Street
Suite 400
Boston, MA 02114**

**Attn: Marine Fisheries Advisory Commission
Mr. Daniel J. McKiernan, Director
Daniel.McKiernan@state.ma.us**

Re: Proposal to Adjust Commercial Horseshoe Crab Limits 2023

May 1, 2023,

Dear Director McKiernan,

Charles River Laboratories International, Inc. ("Charles River") appreciates the opportunity to submit the following comments in response to the Massachusetts Marine Fisheries Advisory Commission's ("MFAC") Proposal to Adjust Commercial Horseshoe Crab Limits 2023 as set forth in MFAC's Memorandum dated February 8, 2023, and as later conferred in public hearings April 24, 2023 (collectively referred to herein as the "Proposal").

For more than 75 years, Charles River has been proudly headquartered in Massachusetts. We support the discovery and development of life-saving therapeutics – over the last three years, we worked on more than 80% of the drugs approved by the FDA, including nearly all vaccines and treatments approved for use against COVID-19. A crucial component of our work has always been to ensure the safety of the U.S. biomedical supply chain, which in turn depends on the Atlantic horseshoe crab. The blood of the horseshoe crab plays a critical role in reducing patients' risk of contracting serious infections when they are at their most vulnerable; its blood contains a unique substance called limulus amebocyte lysate ("LAL") that detects, with unmatched reliability, deadly endotoxins in vaccines, medicines, and medical devices. We are the largest domestic manufacturer of endotoxin tests, which are indispensable to ensuring the safety of nearly everything that touches the human bloodstream, spinal fluid, or bodily tissues, including vaccines, therapeutics, and syringes; and our facility in Harwich, MA (opening in 2022) plays a vital role in this supply chain.

Equal to our commitment to patient safety, is our commitment to conservation guided by our 3R's principles: Replacement, Reduction and Refinement. These principles are foundational to all national and international legislation and regulations on the use of animals in scientific research and are woven into our own policies. We have and look forward to continuing our partnerships with all state and federal agencies to protect and support horseshoe crab populations where we operate.

It is against this backdrop Charles River provides the following comment to the Proposal:



Charles River opposes Proposal 2(a) – Adopt a January 1 – May 31 closure to all horseshoe crab harvest and rescind the existing five-day closures around each new and full moon from mid-April through June.

Our understanding is that the Atlantic States Marine Fisheries Commission's ("ASMFC") most recent Stock Assessment, published in 2019, rated the horseshoe crab population for Massachusetts "*Neutral*", where it had previously been rated "*Poor*", and that the current lunar closures put in place for this Massachusetts fishery played a significant role in achieving that rating. Additionally, the ASMFC asserted that the biomedical collection of horseshoe crabs has not had any more than a "*negligible effect*" on a local horseshoe crab population. Further, no evidence (other than anecdotal) has ever been presented that the biomedical collection of horseshoe crabs in Massachusetts (or any jurisdiction) has had an adverse effect on rufa red knots, migratory shorebirds or any other species.

Our view is that any proposal should be based on evidence and supported by sound methodology. Closure of this fishery through May 31st would effectively negate our ability to hand collect horseshoe crabs in Massachusetts and pose a threat to our ability to appropriately supply the US biomedical supply chain with LAL. We take the position that the current lunar closures should remain in place, and prior to any change in protocol, that formal research, which we are happy to support, be conducted to determine what impacts the biomedical collection of horseshoe crabs may have on the local population and on other potentially impacted species. If ultimately, MFAC determines that closure through May 31st is in the best interests of this fishery, then our view is that no other extension of the closure should be granted without due consideration and further research – particularly since MFAC presented compelling data during the April 24th hearing, indicating greater than 80% of horseshoe crab spawning in Massachusetts occurs prior to May 31.

Charles River opposes Proposal 2(b) – Establish an annual processor quota for the biomedical fishery of 200,000 horseshoe.

We view this as wholly unprecedented. To reiterate our comments above, there is no evidence that the biomedical collection of horseshoe crabs has negatively affected populations, either locally or in any other jurisdiction. By design, horseshoes crabs collected for biomedical processing are quickly returned, alive, to their native waters. While there is a "perceived" mortality of 15% within biomedical collection, it is significantly lower than the absolute 100% mortality achieved by the bait industry. Within the era of biomedical collection, horseshoe crab populations have bounced back from their lows in the 1950s and 1960s and have remained stable for years. Horseshoe have never been a candidate for listing as a threatened or endangered species. The ASMFC concluded that "*the biomedical community has had a positive impact on [horseshoe crab] populations through 45 years of consistent conservation practices.*"

We are supportive of MFAC's efforts to continue to sustain a healthy horseshoe crab population. However, if MFAC believes it is in this fishery's best interest to impose a processor quote, then we believe a higher number approaching 250,000, would be more than appropriate. Please note that the 15% mortality rate estimated by ASMFC is likely greater than the actual biomedical impact, due to the inclusion of several studies which did not follow best management



practices (BMPs). Therefore, we believe there is more room for biomedical collection while still meeting current mortality benchmarks. We would also ask that the Department consider a program to reallocate unused quota from one processor to another if the total allocated quota is not reached.

As an organization, we are taking measures to help reduce the reliance on LAL, both by developing and promoting test measures that use markedly less LAL and investing in and working toward a non-animal derived, synthetic alternative endotoxin testing method that does not rely on LAL. However, we believe that the currently available synthetic methods do not detect endotoxins with the same level of specificity as traditional LAL. By compromising access to this critical resource, we would be putting patients' safety at risk. We are dedicated to balancing our need for this necessary resource with protecting the horseshoe crab that provides it.

Again, we thank you for the opportunity to submit these comments. We would welcome the opportunity to submit any additional information MFAC may require, and/or conference should MFAC find it helpful.

Sincerely,

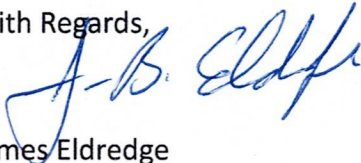
Mr. Gregory Marshall
CVP General Manager, Microbial Solutions
Charles River

April 30, 2023

Dear Director Daniel McKiernan,

The early season horseshoe crab fishery is very important to my conch business. Therefore, I disagree with prohibiting the harvest of horseshoe crabs through June 1. During the May whelk fishery, it is vital to have a reliable source of bait. Closing the HSC fishery until June 1 will most likely result in higher demand and cost. I also disagree with lowering our quota to accommodate the biomedical fishery. Both the HSC and whelk fisheries have been well managed and reducing access to local fishers from local bait to accommodate a new fishery does not seem right. Biomedical mortality should be taken from the biomedical quota. Thank you for accepting comment.

With Regards,



James Eldredge

#117611

From: [Phillip Michaud](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Fluke Horseshoe crab public comment
Date: Monday, May 1, 2023 12:33:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello Dan and Commission members

SUMMER FLOUNDER

I request that DMF implement option B Increasing Summer Flounder daily possession limit to 800 pounds Last year we and others continuously caught the 500 pound limit throughout the season 800 pound limit should be a better target this year.

I am opposed to option A. weekly aggregate program

It has been my experience years back with no Summer flounder limits that it only took one Dragger fishing the afternoons into the evenings to disrupt the flounder replenishing the area.

Resulting in poor fishing in the mornings and thru out the day, placing the smaller vessels and older fisherman at a disadvantage, unable to compete with a 16 hour day.

It's my opinion proposed aggregate program will not increase overall summer Flounder landings only discourage vessels from continuing to participate in the fishery

HORSESHOE CRAB

I request no tow limit on biomedical fishers using Trawl gear. 30 minute tow times, increases the mortality not reducing mortality as assumed. Having conducted 100's of tows in the crab fishery it is our experience and other fishers that its not the tow time harming crabs, towing at 2.5 knots does not damage crabs. It's the 3-4 minutes the crabs are lifted from water to deck of vessel and released from the net that harm can result. Longer tows with fewer haul backs are better caretaking of the resource

Done properly and with practice we and other harvesters have achieved great results.

I request 2023 temporary biomedical crab quota to be set at 300,000 crab 8.3 % mortality. At 12.5 %

I believe we are over estimating true mortality

I encourage more research to determine actual mortality in the biomedical crab trawl fishery before settling on a permanent quota for biomedical crab.

I discourage each lab receiving its own crab allocation. I believe many issues can develop then requiring DMF's further attention. I suggest DMF releasing quota in 25,000 increments to labs as needed

I have provided previous comment on crab management.
Please review that letter also when considering your decisions.

Thank you

Sincerely

Phillip Michaud
F/V Charger

From: [Phillip Michaud](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Fluke Horseshoe crab public comment
Date: Monday, May 1, 2023 12:33:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello Dan and Commission members

SUMMER FLOUNDER

I request that DMF implement option B Increasing Summer Flounder daily possession limit to 800 pounds Last year we and others continuously caught the 500 pound limit throughout the season 800 pound limit should be a better target this year.

I am opposed to option A. weekly aggregate program

It has been my experience years back with no Summer flounder limits that it only took one Dragger fishing the afternoons into the evenings to disrupt the flounder replenishing the area.

Resulting in poor fishing in the mornings and thru out the day, placing the smaller vessels and older fisherman at a disadvantage, unable to compete with a 16 hour day.

It's my opinion proposed aggregate program will not increase overall summer Flounder landings only discourage vessels from continuing to participate in the fishery

HORSESHOE CRAB

I request no tow limit on biomedical fishers using Trawl gear. 30 minute tow times, increases the mortality not reducing mortality as assumed. Having conducted 100's of tows in the crab fishery it is our experience and other fishers that its not the tow time harming crabs, towing at 2.5 knots does not damage crabs. It's the 3-4 minutes the crabs are lifted from water to deck of vessel and released from the net that harm can result. Longer tows with fewer haul backs are better caretaking of the resource

Done properly and with practice we and other harvesters have achieved great results.

I request 2023 temporary biomedical crab quota to be set at 300,000 crab 8.3 % mortality. At 12.5 %

I believe we are over estimating true mortality

I encourage more research to determine actual mortality in the biomedical crab trawl fishery before settling on a permanent quota for biomedical crab.

I discourage each lab receiving its own crab allocation. I believe many issues can develop then requiring DMF's further attention. I suggest DMF releasing quota in 25,000 increments to labs as needed

I have provided previous comment on crab management.
Please review that letter also when considering your decisions.

Thank you

Sincerely

Phillip Michaud
F/V Charger

From: clammer630@aol.com
To: [Fish, Marine \(FWE\)](#)
Subject: Hand harvest horseshoe crab rule
Date: Sunday, April 23, 2023 7:58:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

John Kenneway Chatham Ma. I am a hand harvest fisherman, as well a conch fisherman with my son Sam. In the past we have hand harvested up to 6000 crabs May through June. At present we harvest crab in May for our first conch pot bait to keep our expenses down. The conch fisher depends on May harvesting of horseshoe crabs for bait. The present loona closer are working as a magnet tool. Here in Chatham we have given up Monomey and Pleasant bay to harvesting we have made our effort to conserve Horseshoe crabs. I am opposed to proposed harvesting rule May closer.

From: [Phillip Michaud](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab comments
Date: Monday, May 1, 2023 12:37:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello Dan, Jared and commission members,

When considering adjustments to commercial horseshoe crab limits for 2023 please consider my comments during the conversation.

I request that DMF not implement a 200,000 crab biomedical limit at this time for the following reasons.

During the 2022 season we worked with our partners to catch, deliver, and release tens of thousands of crabs for the biomedical industry. As our handling practices improved the mortality was reduced to 1-2%

I propose DMF biologists determine the true mortality during the 2023 harvest season. Aboard our boat, at the lab, and during the release process.

DMF proposes the transfer of 25,000 crabs from the Bait quota, to the biomedical fishery this would compensate for a 12.5 % mortality.

With a biomedical crab limit of 300,000 crab with 8.3 % mortality, we would remain below the 25,000 crab mortality target.

Please consider researching mortality, an additional 100,000 catch and released crabs.

Translates into healthier businesses at sea/ shoreside and additional product for the medical industry, saving thousands of lives.

To support the resource I suggest biomedical processors mark all catch and release horseshoe crabs by snipping off the lowest movable spine on the right hand side of the crabs carapace. This will protect the crab from bleeding again until it's next shed. Current method, crayon mark on shell is temporary.

Massachusetts spring and fall trawl surveys show increasing abundance over the past 10-year in terms of both number of horseshoe crabs caught per tow, and the percentage of tows with horseshoe crabs present.

Proposed spawning closure January thru May 31 will produce great benefit to the horseshoe crab population also.

Creating more crab harvesters destabilizes the resilience of the current participants. The newly created crab fishery participants will place their efforts on the same location as current participants. That's where the product is. If the state is going to upgrade fishing licenses, please upgrade mine also. So I have options if this fishery becomes weakened .

I believe if we can determine accurate mortality with increased harvest limits there will be opportunity for new licensing for those without harvest history.

Thank you

Phillip Michaud
F/V Charger

[Sent from the all new AOL app for iOS](#)

From: [Joe Weinberg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab public comment
Date: Monday, May 1, 2023 3:00:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To the Horseshoe Crab Management board,

I have been harvesting horseshoe crabs by hand since they were an unregulated species. My partner and I would begin taking them in barnstable harbor in early May. We would then focus our effort on the north and south side of Morris Island, Chatham, beginning in early June. Frequently we would catch 4,000 crabs/ night in Chatham. Since then we have been regulated down to a very small fraction of those numbers due to concern over the shrinking stock. And now it would appear that hand harvesters are quite possibly going to be completely shut out of this fishery. This personally stings , given that hand harvesters provided the data to establish the quota that Everyone is fishing on now.

Data provided at the public meeting by DMF shows that the horseshoe crab biomass is doing well and I can only assume that is due to successful management by DMF. Lunar closures, reduced trip limits, closed areas, and limited entry permits have all contributed to the increase in the crab stock. I must ask the question....If it's not broken, why fix it?

It is my understanding that the recent addition of a bleeding facility has created concern as to the possible over exploitation of the stock. If that is the case, I would hope that measures could taken to limit their impact on the fishery , without asking hand harvesters to pay the price. I would imagine reducing the labs quota , if there is one, would be more effective and fair.

Being a participant in several different fisheries, I can tell you that the past decade feels like a game of wac-a-mole. I can also tell you it's not fun being the mole. As a participant in the sea bass , cod , fluke, and horseshoe crab fisheries , the future looks bleak. I can understand drastic measures if a stock is in dire straits. However, it is a tough pill to swallow when you have to endure reduction measures on a fishery that isn't overfished and overfishing isn't occurring. Please don't allow another window of opportunity to close, especially if the data shows that current measures are working. Thank you for your consideration and time on this matter.

Joe Weinberg
Massachusetts Hand Harvester

Sent from my iPhone

From: [reeldead](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Public Comment
Date: Wednesday, April 26, 2023 11:25:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

Below please find my comments on the management of the horseshoe crab resource in Massachusetts.

I do not envy the challenge of attempting to manage a resource that is data limited, is critical to public health, provides an ecological benefit, has cultural value, is collected for commercial purposes by various fisheries, and is used as bait in other commercial fisheries.

I think DMF needs to manage this resource by first prioritizing these competing objectives. It is the only way for a coherent management approach. At present, it appears the priority is given to the bait fishery, but I'd wager that is more historical remnant than current objective. Or at least I'd hope so. Prioritizing the bait fishery above other interests is a regressive management approach. I'd argue providing bait to a dying whelk pot and eel pot industry is by far the least important use of this resource. Whelk fishermen may argue the decline in their fishery is due to management and they may be right but not for the reasons they state. It's not the gauge increase that is causing the loss of the fishery, but rather late and inadequate action by the DMF. The bait fishery should be the state's last priority.

Priority should be given to first to the biomedical industry. LAL is currently the most critical benefit of the horseshoe crab given its role in human health. Until such a time that an equally powerful synthetic is developed, biomedical LAL extraction is of the utmost importance. This should be reflected in the management program.

I applaud reallocating horseshoe crabs from the bait quota to the biomedical fishery. However, I do not think 25,000 crabs is sufficient. I'd argue the bait quota should be reduced by 50%. This cut could give the biomedical fishery a quota of up to 550,000 crabs ($=82,500/.15$), which is likely far too high given the population and demand. Rather, give the biomedical industry a 300,000 crab quota. This would likely sufficiently meet their needs and eliminate the state's interest in creating processor IFQs (which I oppose). The remaining 250,000 crabs (or 37,500 dead crabs) could then be reassigned to conservation/culture/ecology, which should be prioritized second.

I strongly support the spawning closure for the bait fishery in May and into mid-June. I recognize this will likely end the hand harvest fishery. Yes, this is a historic activity, but so was whaling. Times change. At a lower quota level (e.g., 82,500 crabs), a hand harvest fishery isn't necessary. The dragger fleet could take this reduced quota throughout the trawl season and would prevent regulatory discarding. Then the state could reduce the dragger trip limit to 200 crabs or fewer so it is a true bycatch limit, rather than a targeted fishery.

I do not think the spawning closure should go in effect until at least mid-April if not May 1. There is a winter and springtime bycatch of horseshoe crabs in other fisheries. To prevent regulatory discarding, there should be a small bycatch allowance for these fisheries prior to the spawning period.

Given my interest in prioritizing the biomedical industry, I'd like to see the biomedical fishery be exempt from the spawning closure; lunar closures could still apply here. However, have them operate at a lower trip limit during this period and potentially adopt a sub-quota for this period. This would ensure biomedical operations can continue to function and it may provide an opportunity for some displaced hand harvesters to recover seasonal income, while substantially reducing the the harvest of crabs during the spawning season.

So, in summary I support the following:

- 300,000 biomedical crab quota with no processor IFQs. No limitations on biomedical processor permitting. If other firms want to come in and chip away at that quota, so be it. This is America and competition is good.
- Greater reduction in the bait quota up to 50%.
- 100-150 crab limit for bait fishery from Jan 1 - April 15.
- Implementation of a April 15 - June 15 spawning closure for the bait fishery.
- Reduce crab limit for bait fishery post June 15 to a bycatch limit of 150 crabs.
- For biomedical fishery, during April 15 - June 15 period, have lunar closures apply, adopt a trip limit of 200-500 crabs for the biomedical fishery, and adopt a 10% sub-quota for the period (e.g., 30,000 crabs).

Kind regards,

Ed

From: fishkids0116@gmail.com
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab regulations proposal
Date: Sunday, April 30, 2023 4:06:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Thank you for taking the time to read my E-mail. I recently attended and briefly spoke at the meeting in Plymouth on April 25. I am opposed to the new proposal regarding horseshoe crab harvesting. The spawning closure until June 1st would literally put the handpickers like me out of business. I have been a self employed commercial fisherman for three decades. Over the years many new regulations and rule changes have negatively affected my ability to continue supporting my family and made it hard to continue in a profession I truly love and has been in my family for generations. I make approximately one third of my yearly income horseshoe crabbing, and if the ban on harvesting until June 1st goes through I will most likely not be able to piece meal my yearly income together any longer and will be forced out of commercial fishing. I'm sure you have heard many sad stories like this but I hope you will reconsider this proposal and stick with the current lunar closure system that seems to be working. I also hope that in the very sad event that this proposal goes through there will be some sort of grace or sunset clause that allows us more time to figure out a back up plan before we are forced out. In addition I would hope that we as handpickers would have first right to acquire a dragging permit for horseshoe crabs and that no new permits will be given out to people who have never had them before. I hope you consider how important this decision is and how it will effect us negatively. Thank you for your time and consideration. Sincerely Robert A Wright. Permit #138374

Sent from my iPhone

From: [KENNETH ELDREDGE](#)
To: [Fish, Marine \(FWE\)](#)
Subject: HSC Management Proposals
Date: Sunday, April 30, 2023 12:37:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Just a couple of points for your consideration: If HSC harvesting is not allowed before June 1 they will be able to spawn unmolested in May as they currently do with the lunar closures. After June 1, because of the elimination of lunar closures, they will not be allowed to spawn in peace due to the pressure from hand harvesters who have lost the month of May and "have some making up to do". So over all they will spawn maybe half as much as they can under the current lunar closure plan. Less spawning equals less eggs for the birds and less crabs getting born. This makes no sense if the idea is to have a sustainable HSC fishery. If the population is doing fine and not being overfished why change a management plan that is working so well?

I think the nonfishers are concerned about a reoccurrence of the Delaware Bay fiasco. That happened because Delaware did not have enough HSC protection measures in place. Massachusetts does and it's working. Thank you for your consideration.

Respectfully submitted, Kenneth Eldredge

From: [KENNETH ELDREDGE](#)
To: [Fish, Marine \(FWE\)](#)
Subject: HSC Proposals
Date: Thursday, April 20, 2023 11:35:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I live in Chatham and would like to attend the 4/24 meeting in Plymouth but with the delays caused by the bridge work I'm looking at a probable 6 hour round trip to speak for maybe 5 minutes I have elected to stay home and send this letter instead.

I am a HSC hand harvester and fish for them almost exclusively on the W side of Monomoy Island. Monomoy National Wildlife Refuge is 100% closed to HSC harvesting however we few hand harvesters can fish a small area W of the northern boundary line. I keep a yearly log which shows that the best harvesting always occurs between May 15 and June 15. Usually before and after those dates it is not economically viable. With the lunar closures I fish an average of 24 days each year. The better fishing is prior to June 1. Every day is important to me as this fishery represents 25-30% of my yearly income. I have fished commercially for fish and shellfish fulltime in MA for 40 years. After June 15 the crabs return to the deep water where we can't catch them and the mobile gear boats can fish for them for 5 more months!

DMF's own data states that 99% of the harvest in May is caught by hand harvesters. That means 1% is caught with mobile gear. So if you don't allow harvesting before 6/1 the hand guys will take a huge loss while the mobile guys loss is inconsequential. I think your attempt to compensate for that by doing away with the June lunar closures and giving us another 100 crabs per day won't help. It sounds good but in the real world won't work. By eliminating the June closures we would gain an extra 5 fishing days. But I believe that starting on 6/1 would create a derby effect on the hand harvesters. The mentality being, Okay we only have 15 days (as opposed to 24) so let's go get 'em quick! That increased effort will result in a steady decline in the daily catch rate as the pressure to catch those crabs coming in to spawn will be tremendous. And most of those crabs will get caught before they get a chance to spawn. So the additional 100 crabs per day proposal more than likely will never get caught anyway and certainly will not compensate for the crabs we won't be catching in May. It's hard enough to catch 400 in a very long day now. Most hand harvester's boat cannot safely carry 500 crabs as they are necessarily small and shallow draft.

Additionally, harvesting by hand is a very environmentally responsible method of capture. I always have a 0% mortality rate and I suspect the others do as well. I don't understand what is equitable in taking away a big (at least 40%) of our effort and giving LOAs to some mobile boats so that they can retain at least 400% more of what they are currently allowed. Hand pickers lose and mobile gear gains!?

DMF is already doing a good job maintaining the HSC fishery. It's a sustainable fishery and no overfishing is occurring. So the status quo of opening in May with lunar closures in May and June continues to work and is, I believe, the more sensible and equitable model to manage the HSC fishery. Respectfully submitted, Kenneth F. Eldredge

April 27, 2023

Dear Director Daniel McKiernan,

Thank you for the opportunity to contribute to public comment on these very important topics. Having attended Monday's meeting, I heard a lot of valuable new opinions and confirmed personal ones. Since 2007, I have been involved in the horseshoe crab industry. Being a fisher: both hand harvester and dragger, dealer: both crab and conch, ASMFC AP member, and conservationist, I have given these topics considerable thought.

The Massachusetts horseshoe crabs have been well-managed by the State, especially since 2010. Lunar closures, significant daily possession limit reductions, quota reduction, and an "rent a crab" program are just a few of the things the industry has done to sustainably utilize this valuable resource. Through these actions the HSC population has been on a positive trend. Coordinated efforts between fishers, dealers, and lysate manufactures have been a big advantage to responsibly utilizing the resource. One good example of this is a program to release juvenile HSC's from the eggs of bait crabs. The phenomenal program further utilizes the HSC and helps reestablish the portion of the crab population that may have been lost to harvest during spawning.

It cannot be stressed enough how important the April/May HSC fishery is to so many under represented people. For the hand harvester, this fishery is the first sign of income after winter. Many earn up to 25% of their income during this time. Others rely on the HSC when red tide hits or there are no other options. This fishery has found value in the lives of many fishers by providing income in times of personal need. No harvest until June 1 would in fact put a group of fishers out of business. Doing so would most likely create a gluttonous run for crabs in the first part of June, raise demand, and raise concentrated effort focused on this resource. The 2010 regulation changes increased permits being used and increased price. There is no reason proposed changes would not have the same effect. For the whelk harvester restriction on early season harvest would take away a long-time reliable bait source. Crabs harvested early in the season are vital for a good portion of a fisher's yearly whelk catch. For the bait dealer, the closure would require the inefficient storage of HSC's from one season to the next. Storage would require huge electrical use and expenses that would have to be passed on to the end user resulting in high bait prices. It is for these reasons I can not support the proposal for no harvest until June 1 as a reasonable and responsible conservation effort. Instead, a holistic conservation approach must be taken to benefit the HSC and user groups. A connection between crab harvest and dredging projects, habitat restoration, and educating residents of the Cape about how actions on land effect what happens in our oceans are just some of the ways

we can instantly help the HSC as well as every other specie and user involved. Another more direct approach would be to reduce the daily possession limit to beach harvesters both bait and biomedical. This will allow fishers to still harvest, provide the biomedical industry more time for cell collection during an already short season, and provide just enough bait to the whelk industry all while allowing more crabs to spawn. A response that would provide equity and equality.

It is in my opinion that the small boat Nantucket Sound dragger fishery is in danger of becoming a large boat fishery. With an aggregate fluke fishery, I fear this may happen. A 500-600 pound a day with a 500 crab a day possession limit would help ensure this remain a small boat fishery more accessible to younger fishers. The self-imposed 300 crab/day has proven to simply be too little. Shorter fishing days should remain as this gives the fish time to rest and rejuvenate. Boats consistently participating in the summertime bait crab dragger fishery over the years should be allowed to continue through a LOA or such.

On behave of hand harvesters, draggers, whelk fishers, and bait dealers that rely on HSC's for bait I in no way support lowering the yearly bait quota to accommodate a new biomedical fishery. With an approved State quota of over 300,000 by the ASMFC it seems unequitable to further reduce the already reduced bait quota to account for an emerging large scale biomedical industry.

Having been involved in the industry for quit some time I feel the industry has done a good job when it comes to BMP's. It is of great benefit to provide a healthy crab for cell collection. Providing a healthy crab varies from situation to situation an should not be regulated as what works for one may be detrimental to the next.

In conclusion, as it pertains to the HSC fishery, I find many proposed regulatory changes to be very concerning. These changes are obviously heavy handed to one side. Devastating many under represented fishers with a small voice. Any decrease in income would be hard enough but many stand to loose up to 25%. Inexcusable to anybody putting themselves in that position. These same changes will accommodate an emerging fishery at the expense of fishers and industry members that have spent the last 10+ years sacrificing for a healthy sustainable horseshoe crab fishery. Conservationists, fishers, and regulators all want the same end result but, we must work together to solve the problem holistically. At Monday's public comment meeting it was sad to listen to misinformation and an unwillingness to solve this problem together from conservation groups. I ask the Division of Marine Fisheries to represent this small group of fishers, the environment, and the horseshoe crab fishery responsibly with fairness and

equity. Rushing into any one-sided decision may have devastating results. With a little thought and effort, it can be done.

Being a fisher that fishes in and around Nantucket Sound I am against regulations restricting the use of purse seines before June 15. The North Shore fishery is very different than that south of the Cape. Fishing opportunity with the use of purse seines south of the Cape must be considered and preserved.

Thank you again for the opportunity to contribute to public comment.

With Regards,



David Meservey

163066

139072

4126

From: [DONALD R. KNEPPER](#)
To: [Fish, Marine \(FWE\)](#)
Subject: New Horeseshoe Crab Regulation Proposal
Date: Wednesday, April 12, 2023 8:50:15 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi,

My name is Donald Knepper, commercial permit no. 152197

I currently hold a hand harvester permit endorsement for horseshoe crab and have been harvesting them for a few years now. I am very concerned about the current proposal regarding the change in harvesting dates. The main month in question is May, which is my, and I think I can speak here for the other fisherman's main month for hand harvest. If you were to take that away we would, for all intents and purposes, be out of business. I think if you were to check the history of our catch reports you would see that the majority of the harvest occurs in MAY. By giving us a starting point in June would not be advantageous, regardless if you give us more quota and cancel the lunar closures because the Crabs are gone by then. If you have to find closure dates maybe Jan.- April, but not MAY! it just doesn't make any sense. I did send a letter to Jarid Silva after the first meeting regarding this issue and he did get right back to me stating that they were concerned that this might adversely affect hand harvesters and he was going to look into it more. I hope he has!

Thank you for your consideration.

Donald Knepper

4/29/2023

Dear Mr. McKiernan,

I am writing this letter to voice my disapproval of the pending changes to the horseshoe crab fishery.

I have fished for crabs for 27 years 24 consecutive, and worked for ARC Aquacultural Research Corp in Dennis MA, in charge of Horseshoe crab operations for 6 years 89'-95'

I have consistently landed over 8000 crabs a year for 24 consecutive years, most of which have been bled by ACC first.

In my experience at ARC buying from cape region fishermen there was less than 12 MA fishermen supplying crabs to ARC. Knowledge of the fishery was extremely limited, and the nuances of being successful at it was guarded information. Arc would not buy from anyone and excluded many people from participating. ARC owners attempted to distribute the pressure on local crab populations in an effort to reduce conflict and increase sustainability.

At the time, besides Jay Harrington, and ARC, there were no other suppliers to the lab.

Horseshoe crab have fed my family, and provided shelter, sustained me through red tide closures, and other hard times.

It is my belief that the DMF instituted crab permits, and resulting reporting, in an effort to use the data to transition the fishery to offshore fishermen in an effort to minimize shore side optics and increase enforceability. I personally feel that data was proprietary and misused by the DMF in an effort to boost permit sales, and to help the lab stabilize their supply chain.

In past DMF meetings I attended I opposed increased regulations openly and was told we "will do whatever the lab wants since they are driving the demand". My voice was not considered even though I had a significant % of annual landings in state.

I have faced significant declines in my income over the years as a result of the DMF imposed restrictions, resulting in significant personal and financial hardship.

If the DMF is not willing to keep the spawning season open, I would like to see a reduction in inactive or late entry permits as is being done in other fisheries such as tautog and sea bass, individual transferable quotas based on lengthy historic landings, closure exceptions for those with 10 consecutive years of landings of 5,000 or more. Limited participation by newer permit holders, and NO LOA or 75 crab special allowance. If the DMF policy is to transition to a "dragger only" fishery then they should compensate hand pickers with CAP's so they have the possibility of participating, (although unlikely).

I feel that the division is catering to the labs and devaluing the horseshoe crab permits with lengthy and significant catch histories. Obviously it benefits the lab and the DMF to have more permits, but it is severely detrimental to people who fished over 20 years ago, who knew how it was to catch 1000 crabs daily, routinely.

I feel that the lab has failed to consider the needs of MA towns shellfishermen population by allowing ACC to release over 1,000,000 fertilized hatched horseshoe crab(shellfish predators) eggs, with virtually no input from the fishing community. This demonstrates gross favoritism to the Labs interests, and virtually no consideration to the shellfishermen, or towns who oversee their own shellfisheries. I feel strongly that other fisheries stakeholders should be apprised of actions that have significant potential to affect them.

I urge the DMF to be fair and consider fishermen's interests, and their histories, as being their utmost concern. Without the DATA from reports submitted by fishermen in the 90's there would be no information on which to base policy, and without those fishermen there would not have even been a fishery, and now THEIR data is being used to exclude them entirely from the fishery in they way and manner they carried out and sustained the fishery.

It is my belief that the DMF has not sufficiently considered the history of crab fishermen or even the crabs. If they did they would never had issued so many permits, and drawn so much attention to the fishery.

I ordinarily would not voice my concern, but I feel I am being excluded entirely, and therefore "injured" by the state. One "possesses" knowledge, and gains it by various means, I am supposed to be secure in

my effects and possessions, and I feel that that state has forced me to report the knowledge I "possessed", and has gained it from me, and used it against me.

I will likely pursue legal action if the DMF fails to consider crabs fishermen's history, and how it has been affected by DMF implemented regulation changes.

Sincerely,

Justin Pascarelli

169330

From: [Paul Unangst](#)
To: [Fish, Marine \(FWE\)](#)
Cc: [Silva, Jared \(FWE\)](#)
Subject: Proposed Amendments
Date: Friday, April 28, 2023 6:53:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

I would like to express my opinion on the proposed regulatory amendments discussed on April 24, 2023. I am a commercial fisherman out of Marshfield, Ma. I also fish Nantucket Sound in the summer months.

Commercial Horseshoe Crab Management

1. As far as Commercial Horseshoe Crab Management, I am not in favor of reporting daily for harvest of crabs. I usually fish in Chatham and do not get reliable cellular service in the area. This would make it impossible to report daily. I report all my landings electronically at the end of each week when I return home. I believe weekly reports are adequate for data collection.

2. With Spawn Closure, I disagree with making a change to the existing 5-day springtime closures. I do not support the January 1st--May 31st closure. I do not hand pick crabs from the beach, but the people that do will be eliminated from the crab fishery. This is inequitable. The way it is now is better for everyone involved. The buyers would have a few crabs at the beginning of the season, and they would not have to wait until June 1st.

3. The Biomedical Fishery and the Bait Fishery vessels should both have a quota of 500 crabs/day in my opinion. This will allow fairness between groups.

4. As for Bait Fishery Quota, I believe the quota should stay at 165,000 crabs and not be reduced to 140,000 crabs. In 2008 we already reduced the quota from 330,000 to 165,000 crabs. As a dragger, I see there are more and more horse crabs every year. At the meeting people were claiming disgrads of 15-30%. I personally, very rarely see any dead crabs when I haul back. At times horseshoe crabs have hidden under my coolers, and even after 2-3 days they are still alive.

Summer Flounder Trip Limits

1.

With Trip Limits, I do not support weekly aggregate pilot programs for trawlers. I would like to see a 500 pound trip limit for everyone. I agree with your proposal to increase the quota on September 1st if more than 20% of the quota remains. I feel with a weekly quota of 2,500 pounds, areas would be overfished, mostly by larger vessels. Consequently, these areas would never get a rest.

2.

As for the Landing Window, the 6:00 a.m.-8:00 p.m. is a sufficient time to unload your catch.

Thank you for your time and consideration.

Sincerely,
Paul S. Unangst
F/V Destiny
Marshfield, MA

For your consideration:

My name is David A. Tahtinen from Marion, MA. I am a full time commercial fisherman who has participated in the Massachusetts horseshoe crab fishery for a quarter of a century. In that time as a hand harvester I have been subject to numerous regulatory changes in the fishery which have had dramatic effects on me personally and on the fishery as a whole. The current result of those changes are that the Massachusetts Department of Marine Fisheries believes that the fishery is sustainable at the current levels of exploitation and mortality. These are not my words or my opinion but those of Jared Silva of the MADMF. In addition to Mr. Silva's publically stated and printed opinion of the fishery's health and sustainability, there is also the department's regional study. This study shows increasing indicies on fifteen of nineteen areas studied.

To the point at issue, I strongly oppose many if not all of the regulatory changes being brought forward in this suite of regulatory ammendments.

Firstly, I oppose a spawning closure of January first through May thirty first. Such a closure would in essence eliminate the hand harvesters from the Massachusetts horseshoe crab fishery. This would end my ability to participate in a fishery which has been integral to my livelihood for over twenty five years. During that period of time hand harvesters have endured multiple reductions in harvest levels and closures around the new and full moon periods. These actions have resulted in what is a "sustainable" fishery.

Secondly, I oppose any increase in the number of crabs draggers are allowed to retain regardless of bait or biomedical status. It hardly seems logical to take the right to fish away from one historically recorded portion of a fishery and transfer the ability to harvest those crabs to another portion of the fishery. The need for adjustment in the harvest level of draggers should be questioned as the MADMF states that the fishery is sustainable at the current level of exploitation and mortality.

Thirdly, I oppose the issuance of any letters of authorization to any person, hand harvester or dragger, who does not have a recorded history of landings in the Massachusetts horseshoe crab fishery. I cannot find a reason that taking away the ability of long historied hand harvesters to fish and bestowing the ability to retain crabs to fishermen who have no history in the fishery makes any sense. It certainly seems quite unfair and honestly egregious!

With this being said, I would like to mention that should the decision to take away the hand harvesters access to the fishery be set in stone, I would strongly encourage the MADMF to issue every hand harvester with recorded landings permits to drag for horseshoe crabs. The rationale

behind the statement is that after May thirty first the only realistic way to participate in the horseshoe fishery is by dragging!

Finally, I hope that those who make the final decision on this suite of ammendments carefully consider leaving the fishery as it currently stands. It makes no sense to mess with a sustainable fishery that shows increasing numbers to appease public opinion on said fishery, or to aid a new blood processor. Let them bend to a healthy sustainable fishery which has been earned over time under the current regulations.

David A. Tahtinen

453 County Rd.

Marion, MA 02738

F/V ROBINS RIVAL

- a. Adopt a January 1 – May 31 closure to all horseshoe crab harvest and rescind the existing five-day closures around each new and full moon from mid-April through June.
 - b. Establish an annual processor quota for the biomedical fishery of 200,000 horseshoe crabs. This quota will be allocated evenly among biomedical processors.
 - c. Reduce the bait quota by 25,000 horseshoe crabs from 165,000 to 140,000 horseshoe crabs.
3. Bait Fishery Trip Limits
- a. Consider increasing the trip limits for all permitted bait harvesters up to 500 crabs. Current limits are 300 crabs for permitted trawlers and 400 crabs for permitted hand harvesters.
 - b. Consider re-issuing Letters of Authorization to certain mobile gear fishers who do not hold a horseshoe crab permit to land a full trip limit of horseshoe crabs, not the 75-horseshoe crab incidental limit.
4. Reporting. Beginning in 2024, require daily electronic reporting for all bait and biomedical harvesters.
5. Permit Conditions. Adopt certain existing permit conditions affecting biomedical harvesters, biomedical dealers, and biomedical processors in regulation.

Dan then asked Jared Silva to provide further details regarding the items for public hearing proposals.

Jared stated the most recent stock assessment demonstrated the state's horseshoe crab resource was not in poor condition. DMF believes the fishery is sustainable at current levels of exploitation and mortality, as our survey indices have improved over the past ten-years with fairly consistent exploitation. However, DMF was concerned about opportunities for unconstrained growth in the biomedical fishery and how this may impact the long-term sustainability of the resource. This concern prompted DMF to initiate this proposal, take precautionary approach to management, and mortality and exploitation at recent levels.

Dan clarified that the proposed 200,000 horseshoe crab biomedical harvest limit would only apply to horseshoe crabs harvested in Massachusetts biomedical fishery and would not apply to horseshoe crabs obtained and processed from other sources (e.g., horseshoe crabs borrowed from the bait fishery through the "rent-a-crab program" or harvested in another state's biomedical horseshoe crab fishery and imported into Massachusetts for bleeding).

Jared added that the lunar spawning closures would be retained for this year (2023), and if approved, the blanket spawning season closure would go into effect in 2024. He then moved on to discuss the proposal affecting bait fishery trip limits and noted this proposal attempted to balance quota utilization, fishery profitability, and regulatory discarding. Jared concluded his comments by briefly discussing reporting, permit conditions, and permit types. He expressed the need to manage the biomedical fishery in a more publicly transparent manner.

Table 21. 2021 data points relative to time series median, and 10 and 5-year survey trends by beach from the Massachusetts Horseshoe Crab Spawning Beach Survey.

Beach	Region	Time of Day	2021 vs Median	10-year trend	5-year trend
Duxbury	Cape Cod Bay	Day	equal	mixed	decreasing
Duxbury	Cape Cod Bay	Night	equal	mixed	neutral
Long Beach	Cape Cod Bay	Day	equal	N/A	N/A
Long Beach	Cape Cod Bay	Night	above	N/A	N/A
Millway	Cape Cod Bay	Day	above	mixed	increasing
Millway	Cape Cod Bay	Night	above	mixed	increasing
Long Pasture	Cape Cod Bay	Day	above	mixed	increasing
Long Pasture	Cape Cod Bay	Night	below	N/A	N/A
Sanctuary Beach	Cape Cod Bay	Day	below	decreasing	increasing
Indian Neck	Cape Cod Bay	Day	above	mixed	increasing
Indian Neck	Cape Cod Bay	Night	above	mixed	increasing
Great Island	Cape Cod Bay	Day	above	decreasing	increasing
Priscillas Landing	Outer Cape Cod	Day	above	increasing	increasing
Marsh 2-3	Outer Cape Cod	Day	above	increasing	increasing
Erica's Beach	Outer Cape Cod	Day	above	decreasing	increasing
Bass River	Nantucket Sound	Day	above	N/A	mixed
Bass River	Nantucket Sound	Night	below	N/A	N/A
Warrens Landing	Nantucket Sound	Day	above	increasing	increasing
Warrens Landing	Nantucket Sound	Night	above	increasing	increasing
Tashmoo	Nantucket Sound	Day	above	increasing	increasing
Tashmoo	Nantucket Sound	Night	above	increasing	increasing
Tahanto	Buzzards Bay	Day	equal	mixed	neutral
Tahanto	Buzzards Bay	Night	above	decreasing	increasing
Swifts Beach	Buzzards Bay	Day	equal	decreasing	neutral
Swifts Beach	Buzzards Bay	Night	below	decreasing	decreasing

Assessment, Management Support, and Outreach: Staff continued to serve on the ASMFC Horseshoe Crab Technical Committee in 2021 and gave virtual presentations on the status of horseshoe crabs and the biomedical industry to Elder Services of Cape Cod and the Islands, and the DMF seminar series (<https://www.youtube.com/watch?v=g6tSv8glvAo>). In 2021 DMF provided spawning beach survey volunteers with specially designed survey t-shirts as a thank you for their participation. The Horseshoe Crab Science Committee Meeting annually hosted by staff was canceled due to the continuing Covid-19 pandemic.

Jonah Crab Research and Monitoring

Commercial Fishery Sampling: Monitoring of the commercial Jonah crab catch has been required by the interstate FMP since 2015. Project biologists conducted 11 port sampling trips from seven individual boats to collect length frequency and sex ratio data from the commercial fishery in 2021. These trips sampled a total of 5,086 crabs from NMFS statistical areas. Most crabs are harvested in waters south of Martha's Vineyard and east to Georges Bank (NMFS statistical areas 537, 525, and 526). The median size in these areas was similar to prior years.

Hello Director McKiernan,

Thank you for hosting a public hearing at Hotel 1620 in Plymouth on April 24 to discuss proposed regulations for horseshoe crabs. This fishery truly has a unique group of stakeholders, all with interesting perspectives.

My name is Sarah Martinez. Since 2008, I've studied the spatial ecology of horseshoe crabs in various locations around Cape Cod, especially Wellfleet, Barnstable and Chatham. I have also worked locally as a science educator for a long time.

In 2010, thirteen years ago, I stood at a microphone, at a similar public hearing at the Cape Cod Museum of Natural History in Brewster and made a similar comment. I asked for stricter regulations for spawning horseshoe crabs in the form of the lunar closures. I asked the Director to consider what other states were doing, like Rhode Island, and to adopt their models. Back then, I had only been studying horseshoe crabs for a few short years, I had just been admitted to grad school a few short weeks prior and I thought I knew everything.

When the lunar closures were announced, the conservation stakeholders were pleased because—even though we didn't think it was enough—we knew they were a step in the right direction. We were hopeful that the lunar closures would, over time, rebuild horseshoe crab abundance around the Cape to levels that could fulfill their historical ecological niche. Unfortunately, the increases in DMF's horseshoe crab abundance indicators have not been as substantial as we had hoped.

The lunar closures, as they stand, currently afford both male and female horseshoe crabs twenty-five days of protection. But the lunar closures are only effective under the assumption that spawning is influenced by phases of the moon. The last thirteen years of data from Massachusetts would indicate that peak spawning times follow less of a correlation with moon phase, and a much more robust correlation with time of year, temperature, and weather. That is why I support the Director's proposal to drop the lunar closures, despite asking for them thirteen years ago.

In 2012, eleven years ago, I received my Master of Science in Wildlife and Fisheries Conservation from UMass Amherst's Environmental Conservation department. DMF's own Michael Armstrong sat on my committee. Our research used a fixed acoustic telemetry array to study the seasonal movement patterns of 75 adult horseshoe crabs off the coast of Chatham from June 2010 to November 2011 in a successful collaboration with DMF.

In 2018, five years ago, our findings were published in the peer-reviewed journal *Estuarine, Coastal and Shelf Science*, with DMF listed as an author on that paper. Our findings suggested:

- 1) that strong site fidelity could make entire local populations susceptible to overharvest, if not managed properly at critical places.
- 2) that predictable seasonal movements could make entire local populations susceptible to overharvest, if not managed properly during critical times.
- 3) that crabs were most likely to migrate to the deeper waters of Nantucket Sound from July through November, assumingly having completed spawning.
- 4) like other studies from Massachusetts, no correlation between lunar cycles and spawning densities.

Instead of the lunar closures, the Director has proposed a spawning closure on the harvest of horseshoe crabs until May 31. According to DMF data presented on April 24 and at other stakeholder meetings, this regulation would protect roughly 80% of females that are counted during spawning surveys.

But why not take one more final step in the right direction? Why not prevent another similar public hearing in another thirteen years? Why not give our horseshoe crabs a *real* chance to recover? The time to protect **all** of our spawning females is now! Our horseshoe crabs cannot wait another thirteen years to see if something works.

According to that same DMF data cited above, approximately 95% of spawning survey females are counted by June 15. Based on this information, my knowledge of the animals, the area, and their movement patterns, ***I would like to formally go on record as asking the Director to extend the proposed spawning closure by two weeks, from May 31 to June 15.*** This will allow the crabs adequate time to complete spawning, which in turn could ensure the recovery and sustainability of this species, for generations of diverse stakeholders to come.

It was noted during the April 24 public hearing that this regulation change would disproportionately affect hand harvesters, potentially causing them undue hardship. I am sure this is something the Director cannot ignore. Based on this assumption, ***I would also like to go on record as proposing that, hand harvesters only, be authorized a male-only harvest during the spawning closure.*** I'm sure DMF's data collected from multiple sources would indicate stocks that are highly male-skewed. Allowing a male-only hand harvest until June 15 would ensure that hand harvesters have adequate opportunities to harvest in May and June—a critical time for them. It would also allow egg-laden females to remain on important spawning beaches during optimal spawning conditions—a critical time for *them*. I would like for it to be noted that I am not suggesting that harvesters using mobile gear should be afforded this authorization, just hand harvesters.

In closing, I'd like to reiterate the point I made at the December 13 stakeholder's meeting at SMAST in New Bedford: I have a unique perspective when it comes to the *concerns of the public* regarding horseshoe crabs as a resource.

More recently, I've worked as a high school biology teacher and I was able to incorporate horseshoe crabs into my curriculum, bringing experts into the classroom, and bringing hundreds of students out into the field to tag. Because of my unique experience as both a researcher and an educator, I've acted as almost an ambassador for Cape Cod horseshoe crabs over the last 15 years. I've trained hundreds of citizen scientists in surveying techniques. I've run hundreds of educational programs for all ages, from preschoolers to seniors in assisted living complexes. I've seen hundreds of faces of surprise when someone sees the underneath of one for the first time. I've also seen the looks of concern when someone finds out they're harvested and bled, right here in Massachusetts.

Put aside their tangible public health value for the biomedical stakeholders and their tangible economic value for the fisheries stakeholders. I'm asking you to consider the horseshoe crabs' intrinsic value as an intangible asset; as an essential part of our nostalgia; as a distinct part of Cape Cod's natural and cultural heritage. ***The public loves horseshoe crabs*** and they want smart, informed and intentional regulations that result in horseshoe crab populations that thrive.

I sincerely applaud Director McKiernan, Derek Perry, Jared Silva, and your teams for the amount of work and thought that has gone into this comprehensive overhaul. I appreciate that the Division is recognizing a rapidly changing industry in Massachusetts and trying to ameliorate the effects on horseshoe crab stocks. Thank you.

Thank you for the opportunity to comment.

Sarah Martinez



TOWN OF WELFLEET

300 MAIN STREET WELLFLEET MASSACHUSETTS 02667

Tel (508) 349-0300 Fax (508) 349-0305

www.wellfleet-ma.gov

To: Dan McKiernan – Director
Massachusetts Division of Marine Fisheries
51 Causeway Street, Suite 400
Boston, MA 02114

April 30, 2023

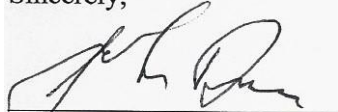
From: The Wellfleet Shellfish Advisory Board

Dear Director McKiernan,

The Wellfleet Shellfish Advisory Board, at its April 26, 2023, meeting, voted unanimously to support, in principle, the proposed changes to Horseshoe crab harvest by the Massachusetts Division of Marine Fisheries (MA DMF), except for the closure window which our board unanimously voted should extend from Jan 1 until June 30, rather than May 15 of each year. Our board continues to strongly support any measures aimed at protecting Horseshoe Crabs in Wellfleet waters. We applaud the MA DMF for proposing changes to allow Horseshoe crabs to continue fulfilling their role as a critical component of the marine ecosystem, providing sustenance for the many species of fish and birds dependent upon them, as well as from anecdotal evidence that Horseshoe crabs provide valuable “rototilling” services to the sea floor in search of food.

Please implement these proposed changes to Horseshoe crab harvest in Massachusetts waters, to the ultimate benefit of the Wellfleet shellfishing community, citizens of Wellfleet, and the many species of fish, birds, and mammals dependent upon Horseshoe crabs for their survival.

Sincerely,


John Duane - on behalf of:

The Wellfleet Shellfish Advisory Board:

*Rebecca Taylor - chair, Thomas Siggia-vice chair, John Duane, Nick Sirucek, ,Ethan Estey
Karen Johnson, Stephen Pickard, Damian Parkington (alternate), Adrien Kmiec (alternate)*

From: [Mass Audubon](#) on behalf of [Maria Abate](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Ad0pt commercial horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:48:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Limulus polyphemus has persisted for over 400 million years, but this iconic living fossil is now seriously depleted due to overharvesting for bait and biomedical harvest. Massachusetts horseshoe crab harvesting regulations are inadequate compared to other Atlantic coast states, especially in view of the the new biomedical harvesting operation in Harwich. Massachusetts should stop the harvesting of egg-bearing females which can also result in negative cascading effects on migrating shorebirds (including threatened species) that depend on their eggs for forage. This is a reckless, inadequately surveyed harvest for Massachusetts; the state should not be allowing the depletion of a species to bait for species that are already over-harvested, and there are good alternatives to replace the biomedical harvest that are coming soon to augment the use of horseshoe crabs. Mandating responsible harvesting is the way to help enable the horseshoe crab to remain a resilient species for human use.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Maria Abate
58 Stow St. Apt 9
Concord, MA 01742
(978) 660-0008
meabate@gmail.com

From: [Catherine MacDonald](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Amending 322 CMR
Date: Wednesday, April 19, 2023 12:04:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To: Director Daniel McKiernan, Mass. Division of Marine Fisheries

As a year-round resident of Brewster, Mass., I am writing to support the proposed amendments to the DMF's regulations concerning management of horseshoe crabs in Massachusetts waters (322 CMR 6.34, 7.01, 7.04).

I am a member of a church-based group actively concerned about environmental issues and through that group have been connecting with the wider Cape Cod community of environmentalists who are in support of updating the state's marine management policies. My understanding of these policies and of the urgency involved has come in large part from listening to Mark Faherty's radio broadcasts.

I look forward to hearing from Mark Faherty in a future WCAI segment that the DMF has responded to reduce/eliminate horseshoe crab bait-fishing, has moved to protect horseshoe crab habitat, and is taking steps to significantly reduce dependence on horseshoe crab blood for medical purposes as other compounds are now available.

Thank you for your work,

Catherine MacDonald
Brewster, Mass.

From: [Jo Ann Muramoto](#)
To: [Fish, Marine \(FWE\)](#)
Subject: APCC letter of support - proposed horseshoe crab amendments
Date: Thursday, April 27, 2023 11:27:39 AM
Attachments: [APCC-Letter of support-proposed horseshoe crab regulations.pdf](#)

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director McKiernan:

Please accept APCC's letter of support for the proposed regulatory amendments for the horseshoe crab fishery. We understand comment letters are due by 5 pm on Monday, May 1.

Thank you,

Jo Ann

Jo Ann Muramoto, Ph.D.
MassBays Regional Coordinator, Cape Cod region
Association to Preserve Cape Cod
482 Main Street, Dennis, MA 02638
jmuramoto@apcc.org
www.apcc.org

From: [Samuel Moscoso](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Attention: Daniel McKiernan
Date: Sunday, April 30, 2023 9:40:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention: Director of MA Division of Marine Fisheries

Dear Daniel McKiernan,

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th.

In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Thank you so very much for your consideration of this request.

Sincerely,
Samuel Moscoso
Woburn, MA

--

SAMUEL MOSCOSO
ACTOR | SINGER | SONGWRITER
samuelmoscoso@gmail.com
781 929 0591

"Replace fear of the unknown with curiosity."
~Alan Watts

To: Dan McKiernan
From: Barbara Brennessel, Professor Emerita, Wheaton College
Re: Horseshoe Crab Harvest regulations
April 8, 2023

This is a follow up letter to the one I sent on December 10, 2022 (attached). I attended the horseshoe crab science meeting on March 6, hosted by Derek Perry and I have read with interest, the proposed changes in horseshoe crab harvest regulations that will be considered soon.

My December 10, 2022 letter expresses my concern about the paucity of spawning horseshoe crabs on Wellfleet beaches; the same observation applies statewide. Small upticks in spawning indices in a limited number of locations, after over 10 years of management decisions, do not constitute a recovery of horseshoe crab populations in the State.

The proposed extensive changes in the regulations are reactionary measures that reinforce the fact that MADMF also understands that the current population data are not trending in a direction that would indicate a population recovery. Although the proposed changes are moving management in a position that is more favorable to horseshoe crab populations, I fear the effort is insufficient to sustain existing numbers of this species.

It does not make sense that a bait species, which takes 10-12 years to mature, can be taken while females are bearing eggs. Although the proposed regulations may shift even more of the take to trawlers, the horseshoe crabs that are harvested by trawlers may never get the opportunity to spawn.

As a biologist, it is incomprehensible to me that MADMF supports a bait harvest for channeled whelk, another species that is in a severe decline. I understand that MADMF strives to protect the fishers, but there won't be any whelk fishers if that industry continues its downward trend.

Although I am pleased that the Horseshoe Crab Conservation Association's proposal to limit take was partially folded into the new proposed regulations, the proposed regulations do not go far enough. Until a recombinant LAL is in general use, horseshoe crab take should be confined to a limited and regulated biomedical harvest.

Learning about the current status of horseshoe crabs has galvanized many of us throughout the state. We are recruited as volunteers to monitor spawning at various beaches where horseshoe crabs were once abundant, but we are not observing many horseshoe crabs to "count." We fear that the proposed changes in the regulations will not elevate the population. We can't wait 10 years to find out.

All bait harvest must be prohibited.

From: [David Duncan Dow](#)
To: [Fish, Marine \(FWE\)](#)
Cc: [David Duncan Dow](#)
Subject: Comment on Proposed Regulatory Amendment for Commercial Horseshoe Crab Fishery
Date: Thursday, April 6, 2023 8:37:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I am a retired marine scientist and grassroots environmental activist living on Cape Cod. I have concerns about the decline of the horseshoe crabs in our local coastal embayments and their support of migratory bird populations (i.e. red knot). I am retired from NOAA Fisheries Northeast Fisheries Science Center- Woods Hole Laboratory. Some of my duties included: Recreational Fisheries Coordinator in the Northeast; serving on the New England Fishery Management Council's Habitat Plan Development Team Advisory Committee (which helped develop Omnibus Habitat Amendment 2) and participating in the EMaX (Energy Modeling and Analysis Exercise) research project. I retired in 2009. In recent years I have taken Bio4Diversity online courses in: "Ecological Economics" and "Systems Thinking and Scenario Analysis". My class projects included: "Adaptive, Ecosystem-based Management for fisheries" and a scenario on the effects of "Nitrogen Pollution from Septic Systems" and "Climate Change" on the Pleasant Bay Watershed Area of Critical Environmental Concern on outer Cape Cod. This scenario project utilized the NOAA Fisheries East Coast Climate Change Scenario project as an example. I have been engaged in the dialog on climate change effects on wild places, wild things in the ocean surrounding Cape Cod as a grassroots environmental activist.

My comments on the proposed commercial horseshoe crab regulations are:

* Since I studied in the Marine Biological Laboratory's "Marine Ecology" course in 1966, marine shellfish have declined in coastal embayments due to a combination of overfishing; nutrient pollution and climate change which effects the **"natural mortality"** of stock assessments. This has to be adjusted for when evaluating the allowable **"fishing mortality"** component. Has this been incorporated in the calculations for the **growth and recruitment** of declining horseshoe crab populations ?

* When I was recreational fisheries coordinator in the Northeast, the Summer flounder **"catch and release" mortality** was 10-14% which combined with the high effort level lead to overfishing of the stock harvested by both saltwater anglers and commercial fishermen/women. The biomedical bleeding harvest catch and release estimates are reportedly 15-30%

which seems problematic to me. This situation needs more experimental work and monitoring. I chaired two Ecosystem Survey and Monitoring Working Groups at the NEFSC.

* The use of horseshoe crabs as bait in the whelk fishery seems to have a much lower Economic Multiplier Effect than the tourism and resident engagement in watching female horseshoe crabs lay their eggs on beaches in May-June. The Crab and Lobster Pot fisheries use herring and menhaden as bait with these resources declining due to overfishing and climate change. The use of horseshoe crabs as bait for the whelk fishery should be eliminated.

* Mid- and South Atlantic states ban catchers of horseshoe crab females during their egg laying periods and Massa. DMF should follow this example. It is illegal to catch female lobsters when they bear eggs. South Carolina and New Jersey have more sustainable fishery regulations for horseshoe crab commercial harvests which might be used as case studies here in Massachusetts.

* Climate change has altered to marine food chain in the ocean surrounding Cape Cod from top down predation changes (Black Sea Bass- a voracious pelagic predator) and bottom up as the diatom-based grazing food chain is replaced by the microbial food web (see the EMaX project for more details), Longer microbial food webs increases community respiration with diminished yield of finfish and shellfish being one consequence.

* Horseshoe crabs play a role in the wider marine ecosystem, so that their stocks require restoration through **“sustainable fisheries policies”** and **A, EbM**. The proposed regulations for the horseshoe crab commercial fishery appears to move us in the opposite direction. The catch levels for horseshoe crabs should be well below **maximum sustainable yield** in order to allow stock recovery. I don't know enough about the commercial harvest regulations for bait in the whelk fishery or **“catch and release mortality”** in the biomedical blood harvest industry to make specific suggestions in this area. The stock assessment plans should include a long term recovery plan to reduce horseshoe crab deaths and increase recruitment.

* The stock assessments for horseshoe crabs should include a restoration program that acknowledges the importance of this species to the wider ecosystem. I don't know enough about the research and monitoring programs at Ma. DMF to make specific suggestions on how to do this.

* You might want to incorporate Ecological Economics tools like MIMES to evaluate the natural capital and ecosystem services provided by horseshoe crabs and the wider ecosystem in which they are incorporated.

Thanks for considering these comments.

Dr, David D. Dow
East Falmouth, Ma.

From: [Sarah Stewart](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Comment on DMF Horseshoe Crab proposal - We support banning the killing of horseshoe crabs in Massachusetts!
Date: Friday, April 14, 2023 11:07:51 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Massachusetts' horseshoe crab population is far too low and needs to be protected so as to be restored to healthy levels. We want horseshoe crabs filling their role as a species vital to a functioning coastal ecosystem where shorebirds, sea turtles and other marine species can thrive.

Don't keep killing horseshoe crabs just for bait to catch whelk, also a depleted species.

And don't keep killing horseshoe crabs for biomedical purposes. There is a proven, effective synthetic alternative to the blue blood drawn from horseshoe crabs for use in the biomedical industry.

It is senseless to be killing horseshoe crabs! They are super cool animals and are a keystone part of their environments.

The agency is proposing a reduction in the bait quota and that is not enough! Still allowing an annual killing of 140,000 horseshoe crabs is absurd and unnecessary.

DMF is also proposing the quota for biomedical use to be raised to 200,000 crabs. This is also absurd and unnecessary. Why are we killing animals instead of using other alternatives? It is cruel and unnecessary.

Please don't allow killing of horseshoe crabs throughout June, as the spawning season concludes. Please ban all killing and capturing horseshoe crabs.

The regulatory changes proposed do not go far enough and we want a complete ban on the killing or capture of horseshoe crabs in Massachusetts.

Thank you for carefully considering our comments.

Sincerely, The Stewart Family, 85 Garfield Street, Watertown, MA 02472

From: [JAI KELLER](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Comment on DMF Horseshoe Crab proposal
Date: Friday, April 14, 2023 4:31:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Address: marine.fish@mass.gov

Subject line: Comment on DMF Horseshoe Crab proposal - We support banning the killing of horseshoe crabs in Massachusetts!

Massachusetts' horseshoe crab population is far too low and needs to be protected so as to be restored to healthy levels. We want horseshoe crabs filling their role as a species vital to a functioning coastal ecosystem where shorebirds, sea turtles and other marine species can thrive.

Don't keep killing horseshoe crabs just for bait to catch whelk, also a depleted species.

And don't keep killing horseshoe crabs for biomedical purposes. There is a proven, effective synthetic alternative to the blue blood drawn from horseshoe crabs for use in the biomedical industry.

It is senseless to be killing horseshoe crabs! They are super cool animals and are a keystone part of their environments.

The agency is proposing a reduction in the bait quota and that is not enough! Still allowing an annual killing of 140,000 horseshoe crabs is absurd and unnecessary.

DMF is also proposing the quota for biomedical use to be raised to 200,000 crabs. This is also absurd and unnecessary. Why are we killing animals instead of using other alternatives? It is cruel and unnecessary.

Please don't allow killing of horseshoe crabs throughout June, as the spawning season concludes. Please ban all killing and capturing horseshoe crabs.

The regulatory changes proposed do not go far enough and we want a complete ban on the killing or capture of horseshoe crabs in Massachusetts.

Thank you for carefully considering our comments.

Sincerely,
Jai B. Keller

From: [Jessica Ciarcia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Comment period: Horseshoe crabs
Date: Monday, April 24, 2023 2:08:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Daniel McKiernan,

I'm writing to you to show my support for the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. I also feel bait harvest should be phased out altogether, as has been done in other states.

Thank you for considering my comments.

Sincerely,
Jess Ciarcia
210 West Road 1-3
Wellfleet, MA, 02667

From: helenloz@verizon.net
To: [Fish, Marine \(FWE\)](#)
Subject: Comments on Horseshoe Crab Management
Date: Sunday, April 16, 2023 5:27:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director McKiernan -

I am submitting this email as my public comment on the management of horseshoe crabs in Massachusetts by your agency. It is a species of great concern to me and I am supportive of any measures that will afford them additional protection.

From what I understand, there are some significant revisions needed to the current outdated management plan. A number of changes are listed in your agency's memorandum to the Marine Fisheries Advisory Commission for 2023 related to commercial horseshoe crab harvesting limits. I would like to express my support for those updates related to the following - additional cutting back of allowed harvesting dates, significant reduction in bait quotas, and requirements for daily reporting by all bait and medical harvesters. I also very much support the ban on any harvesting of horseshoe crabs for commercial bait, an unnecessary cost to support a whelk industry that is already not viable.

Given the negative trends in the numbers of horseshoe crabs especially in Buzzards Bay, it is clear that improved management plans and more sustainable practices are needed as soon as possible. This species is important in so many ways including environmental, economic, and historical perspectives. It would be an unthinkable crime to put their survival in jeopardy for industries that have other non-harmful options that could replace horseshoe crab harvesting. I truly hope that your agency will work hard to afford protection to this and to other important ocean species.

Thank you for your time and for the opportunity to provide input on this critical issue.

Regards,
Helen Lozoraitis
Mattapoisett, MA

From: [Thomas Novitsky](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Comments on the Proposal for Commercial Horseshoe Crab Management
Date: Sunday, April 30, 2023 10:40:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attn: Director, Daniel McKiernan

Re: Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)

Dear Mr. McKiernan,

I enthusiastically support the measures in the Proposal to Adjust Commercial Horseshoe Crab Limits as they apply to Biomedical Use. I do have an exception to the lowering the quota for the Bait harvest from 165,000 to 140,000; and, for the reasons noted below, do not support this provision.

I have done basic and applied research on *Limulus polyphemus* since 1976 starting as a Visiting Scientist in the laboratory of Dr. Stanley W. Watson at the Woods Hole Oceanographic Institution (WHOI). Although my doctorate focused on bacterial physiology, my work at WHOI introduced me to marine ecology and began a career based on the horseshoe crab. My WHOI experience resulted in a position at company in Cambridge, MA where I served as Senior Scientist and the Principal Scientist for Microbiology for the Bureau of Land Management's Georges Bank Benchmark study. This multidisciplinary study of the marine environment as well as my associations at WHOI added a solid understanding of marine ecology. This understanding and appreciation of marine ecology has had a positive effect on all my future endeavors, especially after I returned to Woods Hole in 1978 to begin my career with Associates of Cape Cod, Inc., once again working with Dr. Watson but this time making *Limulus* amebocyte lysate (LAL). Fortunately, Dr. Watson not only allowed me to continue basic and applied research, but encouraged it. This resulted in over 70 publications related to the biology of the horseshoe crab and a number of US and international patents. Since leaving Associates in 2003 I have focused mainly on the conservation of horseshoe crabs. I have been fortunate to visit Hong Kong and China a number of times to observe first-hand the manufacture of the Asian equivalent of LAL which uses the Asian species, *Tachypleus tridentatus*, *Tachypleus gigas*, and *Carcinoscorpius rotundicauda*. I was also able to observe the collection of *Tachypleus*, and its use, not only for TAL (*Tachypleus* amebocyte lysate), but its ultimate destination in the food market and (for animals not fit for either food or TAL), use of the dried carapaces for chitin. The total of my horseshoe crab experience resulted in my appointment as a Commissioner for the International Union for the Conservation of Nature, Horseshoe Crab Specialist Group.

Given my broad experience I can therefore enthusiastically support the Proposal as it applies to the Biomedical harvest and handling. Protecting spawning animals during spawning not only makes common sense but serves the practical purpose of protecting localized populations during their most vulnerable period. The earlier 'lunar closure' rule was well intentioned but was easily avoided by capturing horseshoe crabs prior to the closure and storing them in enclosures (pens or 'cars'). This confinement basically interrupted spawning just as effectively as capturing. In addition, there is evidence that females captured prior to spawning are weakened during the bleeding process and therefore may not even spawn once released. The

new rule not only makes good conservation practice but also joins other States that have harvests delayed until spawning is complete.

Finally, although I would like to see the Bait harvest eliminated entirely, there are practical economic reasons for enlightened regulation. To protect those whose income is derived in whole or in-part from bait, the current harvest quota of 165,000 should be maintained at least for now. The DMF should continue to monitor the horseshoe crab population and should focus on specific areas which may experience overharvest more than others. In addition, efforts for replacing the horseshoe crab with alternatives should be encouraged. Finally, an argument for fairness should also be considered. Currently there are two Biomedical companies operating in Massachusetts that will have a limit of 200,000 horseshoe crabs while a much larger number of Bait harvesters may face a limit of only 145,000. Given the Biomedical industry has far more financial resources and is significantly more profitable, the quota difference is basically unfair. It is also unclear how many Bait crabs are used by the Biomedical industry (so-called 'rent-a-crab'). Only with due consideration of this exception should the quota be changed. Also keep in mind those who hand harvest will essentially be out of work unless they can transition to another means of employment.

Again, I strongly support the Proposal as it applies to Biomedical use but do not support lowering the quota for bait.

Thank you for your consideration of my comments.

Sincerely,

Thomas J. Novitsky, Ph.D.
24 Perch Pond Circle
East Falmouth, MA 02536
Cell: 508-685-1889
Email: tjnovitsky@gmail.com

From: [Nancy Civetta](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Comments to Proposal to Adjust Commercial Horseshoe Crab Limits for 2023
Date: Monday, May 1, 2023 7:50:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director McKiernan,

The Wellfleet Shellfish Department has reviewed the proposed changes to the state's horseshoe crab regulations and offers these comments for your consideration.

We believe that **Section 2. Conservation, a.** does not go far enough in protecting the horseshoe crab spawning time. We believe that the closure should extend through the end of June or at least that the existing five-day lunar closures should remain in effect through the end of June.

We also think that increasing quotas for biomedical harvest is going in the wrong direction, and that increasing trip limits in the bait fishery may have unintended consequences from the increase in the biomedical harvest.

We would support more conservation efforts and note that there is no harvest of horseshoe crabs allowed in N.J. during spawning periods, and Conn. is also considering banning harvest. We believe that horseshoe crabs are a key species in providing healthy estuaries, and we need to amply consider their role in the marine environment and the harvest implications on their populations. Therefore, let this correspondence also serve to inform you that we are aware of the proposal from horseshoe crab conservationists to the Natural Heritage and Endangered Species Program to list horseshoe crabs as a Species of Special Concern, and we support that proposal.

Thank you for your consideration of our comments.

Nancy Civetta, Shellfish Constable

Johnny Clam Mankevetch Assistant Shellfish Constable for Propagation

Town of Wellfleet

Nancy Civetta

Shellfish Constable

Town of Wellfleet

O: 508-349-0325

C: 617-901-7193

E: nancy.civetta@wellfleet-ma.gov

300 Main St.

Wellfleet, MA 02667

Follow our updates on [Facebook](#)!

From: [Deb Basse Ewing](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Concern for the Horseshoe Crab
Date: Monday, May 1, 2023 8:38:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Daniel, (Director of the Division of Marine Fisheries),

I am writing to express my concern about the future of Horseshoe Crabs in Massachusetts and to register my request to please put better measures in place to protect them going forward.

DMF's current management scheme seems wrong and in need of revision. I understand that the agency recently sent a memo to the Marine Fisheries Advisory Commission with changes to Commercial Horseshoe Crab limits for 2023.

I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing fishery to the detriment of another very important species, the Horseshoe Crab.

To ensure the survival of Horseshoe Crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one. Horseshoe Crabs deserve a lot more attention and respect than they are currently receiving. I sincerely hope that your organization will work hard to protect the Horseshoe Crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue.

Kind regards,

Deb Ewing
508-826-7157

Marion, MA

From: [Mass Audubon](#) on behalf of [Carol Amato](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Dear Mr. McKiernan and MA Audubon,
Date: Thursday, April 27, 2023 5:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

The words above were generated by MA Audubon, could not be deleted, and do not reflect my opinion other than phasing out the bait harvest. I feel the meager new regulations offered by DMF are far from enough. Know that I understand that the fishermen suffer when quotas limit their harvest and their livelihoods, but the survival of a dominant species is at risk unless you take greater measures to conserve them now. Will horseshoe crabs on Cape Cod go the way of the Cod? How quickly we forget!

I wrote you a letter prior to the hearing describing at length the problems that face the species given the current inadequate regulations of both the bait and biomedical harvests. While the Rule of Three no longer applies (as you explained at the hearing) I'm willing to bet their quotas and mortality counts will still not be reported. You will still allow harvest during spawning in June! Really unfathomable compared to other states! You do not regulate holding pens or support research to explore real mortality numbers. You work to sustain the bait and biomedical fishery, but not to increase our horseshoe crabs. I do NOT support DMF at this time or Audubon for not providing more information to the public and for not making this message deletable. MA Audubon, who I have supported for years, please let the public know exactly what your horseshoe crab conservation goals are. The director should weigh in as well. You are surely concerned about this species, but it's time for a bolder position about DMF regulations. We will count on you in the future not to encourage us to accept tidbits of change from DMF but important effective measures ASAP. Thank you, Dan and MA Audubon for listening.
Carol Amato MA Horseshoe Crab Advocates

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carol Amato
37 Louders Lane
Jamaica Plain, MA 02130
(617) 840-7474
carolardito@yahoo.com

From: [wendy scofield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: DMF Horseshoe Crab Regulations
Date: Monday, April 24, 2023 11:27:59 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To Whom it may concern,

I recognize the important ecological role of horseshoe crabs and support adopting these proposed regulations to protect spawning crabs. Additionally, I hope the state will go further and phase out bait harvest altogether as has been done in other states. The horseshoe crabs are a vital and essential part of our marine health and culture.

Best regards,
Wendy Scofield

--

Wendy Scofield
wendyscofield@gmail.com
(917) 882-6082
@fieldfinding
she / her

From: [Toni Herbine-Blank](#)
To: [Fish, Marine \(FWE\)](#)
Subject: DMF Horseshoe Crab
Date: Sunday, April 16, 2023 9:10:47 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

We support banning the killing of horseshoe crabs in Massachusetts!

Massachusetts' horseshoe crab population is far too low and needs to be protected so as to be restored to healthy levels. We want horseshoe crabs filling their role as a species vital to a functioning coastal ecosystem where shorebirds, sea turtles and other marine species can thrive.

Don't keep killing horseshoe crabs just for bait to catch whelk, also a depleted species.

And don't keep killing horseshoe crabs for biomedical purposes. There is a proven, effective synthetic alternative to the blue blood drawn from horseshoe crabs for use in the biomedical industry.

|

Toni Herbine-Blank MSN, RN
Intimacy from the Inside Out
IFS and Couple's Therapy
www.toniherbineblank.com

IF YOU ARE LOOKING FOR AN IFIO THERAPIST IN YOUR AREA PLEASE GO TO MY WEBSITE UNDER "FIND THERAPIST" FOR A LISTING. WWW.TONIHARBINEBLANK.COM

Email transmissions are capable of being intercepted; any confidential information that is sent or received cannot have its privacy guaranteed.

From: [Mass Audubon](#) on behalf of [Walter North](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Do the right thing to better protect horseshoe crabs
Date: Monday, April 24, 2023 12:34:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is long overdue for a more sustainable management paradigm to protect horseshoe crabs.

I was stunned to learn that a recent effort to better manage Nantucket Sound whelk and bait practices was not implemented, allegedly, in part, due to what I am told a DMF official described as a lack of public comment in support of the changes. I would like to hope that we can depend on our State Agencies to do a science rather than a sound driven job.

Our regs appear to be the weakest on the eastern coast. Permitting any collection during the spawning season should stop immediately.

I live on Pleasant Bay where collection practices have reportedly resulted in a sex ratio of 9 male horseshoe crabs to 1 females. Lobster and crab populations are protected during their spawning season but NOT horseshoe crabs. Why?

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Walter North
178 Barley Neck Rd
Orleans, MA 02653-4114
(508) 241-5190
walterenorth@yahoo.com



EASTHAM CONSERVATION FOUNDATION, INC.
POST OFFICE BOX 183, EASTHAM, MASSACHUSETTS 02642
www.easthamcf.org trails@c4.net

Directors

Henry Lind, President
Bob Cook, Vice president
Joanna Buffington, Clerk
Uelia Hayward, Treasurer
William Allan
Pam Goddard
Steve Larsen

April 26, 2023

Mr. Dan McKiernan, Director
Mass. Division Marine Fisheries
251 Causeway St #400
Boston, MA 02114

via e-mail marine.fish@mass.gov

Subject: Comments regarding proposed commercial Horseshoe Crab Regulations

Dear Mr. McKiernan,

Thank you for the opportunity to comment on the proposed regulatory amendments for horseshoe crab management.

Eastham Conservation Foundation, Inc. is a non-profit volunteer organization dedicated to the preservation of Eastham's natural resources. We applaud and support the proposals which the Division is advancing for review by the Marine Fisheries Advisory Commission.

Although we were not able to attend the public hearing we would wish to convey that this proposal is a good start yet encourage that future proposals be more restrictive.

As you are aware the data clearly shows that this population is in trouble which translates to cascading effects in many areas.

We are hopeful that this proposal is accepted by the Advisory Commission Massachusetts, and we support these efforts as well as future review of the species management.

Very truly yours,

Henry Lind (President)
Bob Cook (Vice President)
Joanna Buffington (Clerk)
Uelia Hayward (Treasurer)
William Allan
Steve Larsen
Pam Goddard

From: [luke foley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: end bait harvest
Date: Thursday, April 20, 2023 8:21:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please protect spawning horseshoe crabs from bait harvesting and bio medical

Luke- Wendy Foley

From: [Susan Wilson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: End bait/Horseshoe crabs
Date: Friday, April 21, 2023 7:37:35 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please protect these prehistoric creatures

Sent from my iPhone

From: [Mass Audubon](#) on behalf of [Cat Dossett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Have you considered horseshoe crab conservation measures?
Date: Thursday, April 27, 2023 4:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Horseshoe crabs are amazing animals that have survived for millions of years. Nonetheless, local populations are severely depleted from decades of overharvesting.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs. It's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. The practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries. Why the discrepancy between these species and horseshoe crabs?

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot, a federally and state-listed as a threatened species, depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cat Dossett
63 Bourne St., #2
Auburndale, MA 02466

(617) 838-4069
cdossett@massaudubon.org

Horseshoe Crab Conservation Association

*P.O. Box 2334
Orleans, MA 02653-2334*



Brenda J. Boleyn
Duxbury

Hillary Cressey, DA
Barnstable

Denise Ellis-
Hibbett
Boston

Mark Faherty
Harwich

Daniel G. Gibson
III, PhD
Falmouth

Charles "Stormy"
Mayo III, PhD
Provincetown

Thomas J.
Novitsky, PhD
Falmouth

Sarah Martinez
Barnstable

Erik J. Paus
Brewster

Robert L. Prescott
Orleans

Maureen A. Ward
Barnstable

Paul J. Ward
Barnstable

Draft Comments for DMF Public Hearing

Re: Regulatory Amendments including for the Horseshoe Crab

Hotel 1620, Plymouth, MA

April 24, 2023

The Horseshoe Crab Conservation Association appreciates the opportunity to respond to these proposed regulatory amendments for horseshoe crab management. It's clear that a great deal of thought went into these proposals, as evidenced by the Director's Memorandum 2-8-23.

New regulatory attention to the biomedical fishery is certainly needed, especially the annual quota. The HCCA is especially concerned about the increased harvest pressure brought on by the second biomedical facility on the Cape. Simultaneously, the mobile-gear fishery is growing; given the damage to the animals associated with trawlers, this harvest method bears increased scrutiny. Also, penning is a destructive practice that we hope will receive increased attention from DMF in the future.

Reducing the bait fishery quota by 25,000 is a step in the right direction. However, it remains our position that this bait fishery should be discontinued. Harvesting a slow-to-mature animal for bait (especially gravid females) at a time when stocks should be allowed to rebound, is not conservative management.

Thank you for responding to the HCCA petition. The proposal for harvest closure during spawning is at the heart of that document. We ask that the DMF reconsider the harvest start date of June 15, as proposed. Given the increase in the trawler/dragger fishery, the "sizeable increase in dragger caught landings" and the DMF data showing increasing numbers of crabs harvested after June 15*, we believe that this is a modest request. The first two weeks of June will be significant to the success of the horseshoe crab and of lesser significance to the fishery. It should also be noted that the timing of the lunar closures historically has included dates to the end of June.

Of course, the enduring value of horseshoe crabs lies not in their blood or their attraction as bait; it is their role in the benthic ecosystem, especially their eggs that feed a myriad of marine animals and coastal birds.

We believe that our horseshoe crabs need more help without delay.

Thank you.


Brenda J. Boleyn
for the HCCA

* Annual Running Totals of Bait Landings 12-13-22

From: [William Thrasher](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Monday, May 1, 2023 11:32:19 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

William Thrasher

From: [Christine Ward](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horse crab protection
Date: Friday, April 28, 2023 8:54:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:
Daniel McKiernan
Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th.

In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Thank you

Christine Ward
Centerville MA

From: [Deirdre Smithers](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horse shoe crabs spawning protection
Date: Monday, April 24, 2023 3:56:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:
Daniel McKiernan
Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th

In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Sincerely,
Deirdre Smithers
Framingham , mass 01701

--

Dee Smithers
c: 508-259-7789

From: [Smith, Jacquelyn A](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horse shoe crabs
Date: Monday, May 1, 2023 1:38:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please add more protections for horse shoe crabs. My granddaughter and have learned so much about this prehistoric looking being that is helpful to humans.

Thank you Jacquelyn Smith and Ava Velez

Get [Outlook for iOS](#)

From: [Tama Tiapula](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Monday, May 1, 2023 2:34:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Tama Tiapula

From: hotchkis@comcast.net
To: [Fish, Marine \(FWE\)](#)
Cc: [Fred Hotchkiss](#)
Subject: horseshoe crab regulations.
Date: Monday, May 1, 2023 3:40:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

horseshoe crab fishery regulations.

Writing in support of changes to the horseshoe crab fishery regulations in order to protect this fishery and biomedical resource from overfishing.

I have participated in mating surveys at Lake Tashmoo on the Vineyard.

The fishery needs intervention, such as rotating the fishery grounds.

Thank you.

Frederick H.C. Hotchkiss

Email -- hotchkis@comcast.net

508-693-3122

PO Box 1016, Vineyard Haven, MA 02568

From: [Rick McKee](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab
Date: Thursday, April 13, 2023 8:20:14 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern,
Please do more to protect horseshoe crabs. State regulations are woefully out of date and not in line with current research.

Thank you,
Richard McKee
Plymouth, MA

From: [Keegan Burke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crab comment period
Date: Monday, April 24, 2023 8:55:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi,

I am writing in support of conservation measures for horseshoe crabs, and ideally, include phasing out bait harvest. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit. Horseshoe crabs have additional ecological benefits, since shorebird species like the Red Knot depend on horseshoe crab eggs during spring migration.

Thanks for your time and consideration.

Best,
Keegan Burke
210 West Road 1-3
Wellfleet MA 02667
774-722-0633

From: m.meachen@yahoo.com
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Concern
Date: Monday, May 1, 2023 2:20:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Director Daniel McKiernan

Division of Marine Fisheries (DMF):

I am writing to express my great concern about the future of Horseshoe Crabs in Massachusetts and to register my request to please put better measures in place to protect them going forward.

DMF's current management scheme is outdated and in serious need of revision. I understand that the agency recently sent a memo to the Marine Fisheries Advisory Commission with changes to Commercial Horseshoe Crab limits for 2023.

I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing fishery to the detriment of another very important species, the Horseshoe Crab.

To ensure the survival of Horseshoe Crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one. Horseshoe Crabs deserve a lot more attention and respect than they are currently receiving. I sincerely hope that your organization will work hard to protect the Horseshoe Crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue.

Regards,
Michael Meachen
Cambridge, MA

[Sent from Yahoo Mail for iPhone](#)

From: [Kathleen Johnson Miller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab conservation measures for Massachusetts
Date: Monday, April 24, 2023 5:10:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

First of all I would like to thank our Division of Marine Fisheries for the conservation efforts you have made for the North Atlantic Right Whale. I wish more states and countries would do as much. They are at such a critical juncture and I do believe there is still hope to keep them from extinction, but the time is running out.

I am writing today to ask you to put regulations in place to limit the taking of horseshoe crabs during their peak spawning time period. This measure is the very least and most common sense effort we can do to keep this important species here in Mass. So many species depend on them and their eggs including we humans.

Actually I would love to see us a complete stop in taking them for easy, inexpensive bait altogether. They are just too valuable to use them in such a careless manner. So I hope you will continue to look at their protection and consider phasing out bait harvesting altogether. It is so unnecessary and harmful.

Thank you for considering this important work and all that you do.

Sincerely,
Kathleen Miller
39 Pond St.
Brewster, MA
02631

860-483-1426

From: [Kristin Wisgirda](#)
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crab conservation
Date: Thursday, April 13, 2023 8:24:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To: Division of Marine Fisheries
RE: Horseshoe Crab Conversation

I am writing to express my concern about the management of horseshoe crab populations because of the negative impact reduced populations has on the entire marine ecosystem.

I support proposals to

- reduce the bait quota to 25,000 individuals
- require electronic daily reporting for all harvesters
- close harvesting from January 1 through May 31

I also would like to see an elimination of harvesting horseshoe crabs for commercial bait.

Thank you for your work and consideration.

Sincerely,

Kristin Wisgirda

From: [Joaquim Verslycke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Conservation
Date: Monday, May 1, 2023 6:29:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Joaquim Verslycke

From: [Mass Audubon](#) on behalf of [James Briggs](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab conservation
Date: Thursday, April 27, 2023 4:15:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

It is time for Massachusetts to step up to the plate. Protection of horseshoe crab harvesting for bait should be banned year-round. Medical use needs to be limited and stopped during June and July. The females need extra protection. It is ridiculous that we must constantly wait for species to be in danger before acting. Massachusetts should be a leader, and yet again, other states are taking the situation seriously.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. James Briggs
54 Ocean Ave
North Weymouth, MA 02191
(781) 335-6371
briggs.jim@gmail.com

From: [James lathrop](#)
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crab fishery
Date: Friday, April 14, 2023 1:30:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi Dan, I wanted to tell you how much these animals have meant to our family. Every year, at the end of June, my wife, two twins and myself stayed in Provincetown. We have been going there now for over 40 years. Every year the two highlights of our vacation were whales and the Audubon in Wellfleet. The girls spent countless hours chasing horseshoe crabs and loved taking them out to look at them. They loved playing naturalist and guide on our adventures. I have heard that there is a problem with the crabs being used for bait for other species that are also endangered. Please put a stop to this if you can. My twins now have kids and they are going to Provincetown and Audubon for the first time and it wouldn't be the same without the crabs. Thank you for your patience and attention. James Lathrop

From: [Ross Sormani](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab harvest ban
Date: Monday, April 10, 2023 1:38:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello,

I'm an avid birdwatcher on Cape Cod and I would like to voice my agreement to the proposed ban of harvest for this species from January through May. The lack of this species has definitely affected the shorebird population here dramatically. The recombinant Factor C should eliminate the need for bleeding these crabs.

I thank you for your attention,
Ross Sormani
rsormani@yahoo.com
508-361-1201

[Sent from Yahoo Mail for iPhone](#)

From: [Ac](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Harvest Regulations
Date: Tuesday, April 25, 2023 9:25:38 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Sirs:

I am in support of the proposed new regulations which would prohibit harvesting of horseshoe crabs from January 1 to May 31. Additionally, I support a proposal to totally ban bait harvest of these animals.

It is critical to protect these spawning crabs during the January to May timeframe as they are necessary to support migratory shorebirds as they make their way up the East Coast of the US each spring. In my view, it also makes no sense to allow the taking of these crabs at all as bait to support an industry, whelk fishery, which is already categorized as "overfished" by your agency.

Sincerely,
Albert Willey
Board Member, Friends of Monomoy National Wildlife Refuge

From: [Ian Ives](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab harvest
Date: Monday, April 10, 2023 12:50:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I would like to submit my comments in support of more protections for horseshoe crabs, including a call for an end to bait harvest. I am glad to see DMF propose new regulations to protect spawning horseshoe crabs from all forms of harvest, both bait, and biomedical through May 31 each year.

This is not enough, though, to support the sensitive ecosystem services that Horseshoe crabs provide to endangered shorebirds. We feel strongly that bait harvest should be rescinded altogether for many reasons. Harvesting horseshoe crabs for bait, especially targeting spawning females makes no sense. Especially when you consider, they are used for bait in a Welk fishery that itself should be rescinded as it is formally classified as overfished. DMF needs to know that people want enough horseshoe crabs to support migratory shorebirds as still happens at Monomoy national seashore. Mass DMF should consider the ecological importance of horseshoe crabs, two other species in your management.

Regards, Ian Ives

Sent from my iPhone

From: [F.Pannill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab harvesting ban
Date: Monday, April 24, 2023 4:31:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I am writing to urge adoption of a ban on using horseshoe crabs for bait for whelk and for harvesting of Blood for Limulus Amebocyte Lysate. If you are unable to ban this completely, I urge you to at least implement a ban through May 31st yearly.

The crabs population is threatened and their eggs are the only food source for the endangered Red Knot during it's 9000 mile migration.

Whelk are already overfished and a relatively small fishery, with little economic impact. The Commonwealth can make financial arrangements for the few fishermen who depend on whelk and horseshoe crabs for their livelihood.

Bait harvesting is already prohibited in New Jersey and South Carolina, and other states prevent harvesting until mid-June, while Delaware Bay states have banned it entirely.

At least 30% of horseshoe crabs die during bleeding for LAL. While LAL is critical for medical safety there is a recombinant protein made in the laboratory available and used in Europe.

This recombinant protein has demonstrated equal efficacy in detecting endotoxin with fewer false positives than LAL.

<https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.2006607>

It has been approved for use since 2020. <https://www.usp.org/news/rfc-horseshoe-crabs-statement>

Our pharmaceutical companies have no incentive to use this alternative if they can continue bleeding horseshoe crabs

It is critical we stop the decline of one of the oldest species left on earth.

Sincerely

Fitzhugh C Pannill MD FACP
PO BOX 22
South Orleans MA 02662

From: gdq@aol.com
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crab harvesting
Date: Monday, April 17, 2023 2:26:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I am writing to urge you to end horseshoe crab harvesting for bait and medical use especially in a season when females are producing eggs.

Thank you for your consideration on this issue.

Sincerely yours,

Jane Winter
16 Aunt Sukeys Way
Provincetown, MA 02657

From: [PATTY HOPPLE](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab harvesting
Date: Friday, April 21, 2023 7:02:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I live in Harwichport. I remember last summer, an early morning walk on the beach. And being shocked to find the beach covered, and I mean covered, with dead horseshoe crabs lying on their backs with no innards. It looked like a mass slaughter. This has to be stopped or at the very least controlled.

A call to action is much needed.

Only wished I had taken a picture.

Patty Hopple
Phopple@me.com
203 984 5572

From: Donna.cooper953
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Moratorium
Date: Thursday, April 27, 2023 5:08:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To the Advisory Committee:

I have participated in horseshoe crab (HSC) surveys at Indian Neck Beach in Wellfleet for the past ten years. I can say that I have seen a decline in the number of spawning HS crabs in that time. While I support the new proposed regulations, I strongly urge you to extend the moratorium through June.

Harvesting these incredible animals as bait for the whelk industry seems very outdated. There are so few whelk in Massachusetts waters that chopping up horseshoe crabs to lure them is a waste.

The harvesting of HSC to bleed them for the Limulus amoebocyte lysate (LAL) sounds great in theory, but there is a huge waste from mortality of the crabs during the bleeding process. We now have two companies competing in the LAL market here on Cape Cod that will only mean more unnecessary deaths and further pressure on the HSC population here.

Please extend the moratorium. Thank you for your work.

Sincerely,

Donna R. Cooper, MD
26 Brewster St.
Provincetown, MA 02657

From: [Elizabeth Dahdah](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Protection
Date: Monday, April 24, 2023 9:39:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:

Daniel McKiernan

Director of MA Division of
Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th

In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Thank you for your help.

Elizabeth Dahdah
Burlington, MA

From: [Eddie Nadolny](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab protection
Date: Tuesday, April 25, 2023 2:36:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention: Daniel McKiernan
Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th. In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Edward Nadolny,
Honolulu

From: [Joan Francolini](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Protection
Date: Tuesday, April 11, 2023 7:38:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello,

I live on Cape Cod right near the Nauset Estuary, which is home to spawning Horseshoe Crabs. I have seen an increase in boats who are hunting for the crabs, filling laundry baskets with them, leaving them in the sun and potentially causing increased deaths. The boats are not monitored nor would it be possible to monitor them in a realistic manner. The animals are critical to the local environment and we need to start protecting them as other states have done. There are alternatives to using them as bait and the medical industry has a less than stellar track record of capturing and releasing.

Annual horseshoe crab surveys have shown a consistently low number of crabs in Cape Cod Bay. In Pleasant Bay, where there is biomedical harvest but bait harvest is banned, sex ratios are very male-skewed. Horseshoe crabs also **benefit** shorebirds, especially the endangered Red Knot, which depends on horseshoe crab eggs during spring migration, a journey that can cover more than 9,000 miles. "The only place left in Massachusetts where one can see enough horseshoe crab spawning to attract feeding shorebirds is Monomoy National Wildlife Refuge, where crabs are protected from all harvest and their spawning and nursery habitats are protected."

Please put in place strict legislation that will protect this natural resource.

Thank You
Joan Francolini
7 Barney Way
Orleans, MA 02653
jdfrancolini@gmail.com

From: [Meredith Harris](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab protection
Date: Monday, May 1, 2023 1:44:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

As a volunteer at Wliffleet Bay Massachusetts Audubon for the last 8 breeding seasons for horseshoe crabs, I am imploring you to halt harvesting for all purposes. I have watched the numbers of mating pairs and single males plummet. Their numbers are fragile. Please protect them. Thank you.

Meredith Harris
Eastham, MA

From: [Janet Benjamins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Protection
Date: Sunday, April 30, 2023 12:05:25 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I favor prohibiting horseshoe crab harvesting from January 1 through May 31.
Janet Benjamins

Sent from my iPhone

From: [Philip Cole](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab protections
Date: Tuesday, April 11, 2023 9:27:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I encourage the DMF to strengthen regulations against the use of Horseshoe Crabs for bait. Massachusetts has fallen behind in the efforts to protect this ancient , threatened animal. Let's set an example and demonstrate that Massachusetts cares about our marine ecosystem.

Thank you, Philip Cole
Wellfleet , Cape Cod Massachusetts.

Sent from my iPhone

From: [Jane Franke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab protections
Date: Monday, April 24, 2023 5:22:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:
Daniel McKiernan
Director of MA Division of Marine Fisheries

Please fully protect horseshoe crabs during their entire spawning season from April 15th through June 30th. Let's not continue to threaten the existence of these amazing anthropods

To that end, I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting. Thank you.

Sincerely,
Jane Franke
Wellfleet, MA

From: [Tom Dunlea](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab public comment
Date: Saturday, April 29, 2023 2:24:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello folks:

Had a talk earlier this month by Mark (I can't remember his last name) at the Audubon Center in Wellfleet on the Cape about horseshoe crabs. The main points that I remember and which I support are:

- 1) not harvesting females with eggs at all (similar to rules in place for lobsters);
- 2) extending the non-harvest period to include all of June (January - June vs. January to May), which would cover all of the spawning periods;
- 3) excluding their use as a bait fish.

Just trying to take care of them.

Thank you,

Tom Dunlea
Nashua, NH

From: [Avery Revere](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Regulation
Date: Wednesday, April 12, 2023 12:44:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To the MA DMF,

I support any moratorium on the capture of horseshoe crabs for bait or for the extraction of their precious blood. I have spent more than 60 years on Barnstable Harbor fishing, swimming, boating, and more. The decline in horseshoe crab populations is apparent.

These prehistoric creatures are an integral part of the ecosystem that keeps environments like Barnstable Harbor in balance. Yes, they eat shellfish (they get to eat too), but they also eat shellfish's predators.

Horseshoe crabs have been over-harvested for far too long. The methods utilized by the biomedical companies are questionable at best. Who really knows how those horseshoe crabs are treated as their blood is sucked out of them? What are the actual survival rates of the individual animals and do these biomedical companies actually return the animals to their original homes? In any case, there must be significant trauma to the animals that undergo this treatment. And worst of all, this is industrialization of a species for the good of a few. Sure, the sterile properties of horseshoe crab blood have important significance in the medical industry, but it is my understanding that they're synthetic substances that perform the same functions.

Like Monomoy, I would like to see Barnstable Harbor, an ACEC, and all of Cape Cod Bay become a sanctuary for these animals.

Thank you,

Avery Revere
508-362-5482
averyrevere@gmail.com

From: [Melissa Guimont](#)
To: [Fish, Marine \(FWE\)](#); [Patricia Cassidy](#); [Nancy Ockers](#); [Diane Stewart](#)
Subject: horseshoe crab regulations letter of support
Date: Thursday, April 20, 2023 5:06:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello Director McKiernan,

I am writing on behalf of the horseshoe crab harvesting regulations. Populations for these important creatures are dropping dramatically, as you are well aware. Please consider changing the number of allowable harvests with this decline in mind. Quota management, as presented in the 322 CMR 6.34, 7.01, and 7.04 article to the MA General Law is of great importance! The management scheme needs to shift before it is too late and we decimate the numbers even more so. Limiting the harvest time and quantities, limiting the biomedical regulations and the permissible applications for bait fisheries, and enforcing harvest number reports are good steps. Please consider eliminating horseshoe crabs to be used for commercial bait and putting more restrictions and enforce control over harvests. The current regulations and restrictions are outdated and do not reflect the current population crisis we are in. I appreciate and support your efforts to modify these regulations through your appeal to the Marine Fisheries Advisory Commission. Thank you for your efforts and please realize that this is for the future of our ocean ecosystem. I am a Conservation Commissioner in my town and recently learned about this issue from the New England Coastal Wildlife Alliance flyer at a local Herring Run Festival held in Middleborough. I have heard over the years that the populations were suffering, but to the extent that they are was alarming to me. I know of many organizations trying to help with surveys and public outreach programs. Well, this public outreach program from the NECWA reached me. Please do your best for our horseshoe crabs.

Sincerely,
Melissa Guimont
Middleborough, MA

<https://necwanews.blogspot.com/>

From: [Lisa Manzi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab regulations
Date: Friday, April 28, 2023 6:50:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please support the proposed DMF regulations regarding the harvest of horseshoe crabs which would protect horseshoe crabs from all forms of harvest (medical and bait) from January 1st through May 31st of each year. These regulations are a good start, but Massachusetts should ideally be adopting even more stringent regulations which would include no harvest of spawning horseshoe crabs and much more regulation of the medical harvest. My understanding is that more regulation on the care of horseshoe crabs pre and post blood harvesting would increase the survival rate of the returning crabs; now mortality is somewhere around 30%. Most other states along the east coast have much more stringent regulations than we do, or no harvest at all. Horseshoe crab eggs are important for migratory shorebirds, but Massachusetts doesn't consider this in their setting of regulations, yet many other states (New Jersey, Maryland, Delaware, Virginia and South Carolina) do.

Please support this important regulation, or make it even better.

Thank you,

Lisa Manzi

From: [Newton, Gilbert](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab regulations
Date: Tuesday, April 25, 2023 8:44:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

I am writing in favor of the proposed revisions regarding the regulation of harvesting horseshoe crabs. This species is ecologically very valuable for supporting many other species that depend on horseshoe crab eggs and juveniles for food. Those include several endangered bird species and other marine organisms. It is most important to prevent harvesting during the critical spawning period.

As a native Cape Codder and environmental scientist and educator I have observed a noticeable decline in horseshoe crab populations in areas where they were once abundant such as many of the estuaries and marshes in Barnstable. It's imperative that we take every measure possible to increase and sustain their populations.

These proposed measures will help in the effort to protect this ecologically and economically valuable species.

Thank you for your attention.

Gil Newton

From: [Steph DeFerie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Regulations
Date: Wednesday, April 5, 2023 7:25:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I strongly support the new rules that would ban the horseshoe crab harvest from January through May. These new rules would replace current regulations that prohibit bait harvests during 5-day windows around the new and full moons in May and June. Don't let private big business decimate our horseshoe crab populations for their own financial gain. Horseshoe crabs belong to everyone!

Sincerely,
Steph DeFerie

From: [Steven Lacy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab regulations
Date: Friday, April 28, 2023 8:53:48 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I am in favor of the proposed ban on horseshoe harvesting from Jan 1 thru May 31.

I have lived on Blackfish Creek in Wellfleet for the last 18 years and have seen a significant decline in horseshoe crab numbers along our bayside beaches during that time.

I am concerned about both this change and the effect that the spring harvests have on birds and other wildlife who rely on the newly spawned eggs for food.

Thank you for your work.

Steven T. Lacy
15 Spruce St
Wellfleet, MA 02667

From: [Clint Kaiser](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crab support
Date: Monday, May 1, 2023 4:49:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello - I recognize the important ecological role of horseshoe crabs and support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further and phase out bait harvest altogether as has been done in other states. This is too valuable of a resource not to protect during this critical season for them. We've seen how this plays out with other species and seem not to have learned.

thank you,
Clint Kaiser
Orleans MA

From: [Kevin Charlton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Written Comments
Date: Monday, April 17, 2023 9:09:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Director Daniel McKiernan: Scientific data collected by the Horseshoe Crab Conservation Association sent via petition to the Massachusetts Marine Fisheries Advisory Commission on January 9, 2023, states: "After 12 years of lunar closures, there has been no consistent sign of improved spawning data." From what I understand, DMF is proposing a reduction in bait quota—yet it would still allow an annual killing of 140,000 horseshoe crabs. DMF is also proposing the quota for biomedical use to be raised to 200,000 crabs and allow killing of horseshoe crabs throughout June, as the spawning season concludes.

As a resident/taxpayer in a state I feel is environmentally conscious and focused on doing what is right, I am requesting DMF consider an all-out ban on the killing or capture of horseshoe crabs in Massachusetts. MA should encourage the biomedical industry to utilize synthetic alternatives to blue blood and allow the Massachusetts' horseshoe crab population to restore to historical levels so it can continue to function as part of the coastal ecosystem where shorebirds, sea turtles and other marine species can feed and thrive.

Kevin Charlton, 49 Main Street, Stockbridge, MA 01262

From: [SALLY APY](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab
Date: Thursday, April 27, 2023 9:11:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To whom this may concern;

Please take measures to protect the Horseshoe Crab!

Over used as bait, also being bled by the Pharmaceutical Industry must stop!

Certainly we know better than to destroy their populations.

Thank you for your consideration.

Sally Apy

Sally A. Apy

From: [Patricia Hayes](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab
Date: Monday, April 24, 2023 1:11:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:
Daniel McKiernan
Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season (April 15th through June 30th).

In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Thank you,

P. Hayes
Quincy,MA

Sent from my iPhone

From: [Billie-Jo Gibbons](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab
Date: Monday, May 1, 2023 2:09:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Division of Marine Fisheries (DMF):

I am writing to express my great concern about the future of Horseshoe Crabs in Massachusetts and to register my request to please put better measures in place to protect them going forward.

DMF's current management scheme is outdated and in serious need of revision. I understand that the agency recently sent a memo to the Marine Fisheries Advisory Commission with changes to Commercial Horseshoe Crab limits for 2023.

I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing fishery to the detriment of another very important species, the Horseshoe Crab.

To ensure the survival of Horseshoe Crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one. Horseshoe Crabs deserve a lot more attention and respect than they are currently receiving. I sincerely hope that your organization will work hard to protect the Horseshoe Crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue.

Regards,
Billie-Jo Gibbons

Thank you,

Billie-Jo Gibbons
508-280-6102

NECWA
Volunteer and
Intern Coordinator

From: [Susan E. Riley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs !!!
Date: Thursday, April 20, 2023 3:57:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

More protection and end to bait harvest !!

Susan E. Riley
561 / 315 ~ 7828
Sansu@me.com

From: [Greer Thornton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Monday, May 1, 2023 10:26:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
G Thornton

From: [Rachel Simons](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs Attention: Daniel McKiernan
Date: Monday, April 24, 2023 3:00:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention: Daniel McKiernan
Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th. In addition, please eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Sincerely,

Rachel Simons
Brewster

From: [Jeremy Koehl](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs harvest protection
Date: Tuesday, April 11, 2023 6:19:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I agree with the proposed protection of horseshoe crabs from harvesting during egg laying and otherwise.

Be kind when possible, it's always possible. The Dalai Lama

From: [Jill Reves](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Monday, May 1, 2023 3:32:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Jill Reves
Science Department, Falmouth Academy

[Jill Reves](#)

Science, Math, Class of 2026 Advisor, and Science & Engineering Fair Coordinator

Falmouth Academy
7 Highfield Drive
Falmouth MA 02540

508-457-9696

www.falmouthacademy.org

Remarkable Teachers. Supportive Peers. No Back Rows.

From: [David Malchman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Sunday, April 30, 2023 6:02:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear sirs:

I just read the article in the Provincetown Independent outlining the current rules regarding the harvesting of horseshoe crabs.

I would like to add my voice to those calling for stricter regulations of this resource. Implementing a prohibition from January 1-to May 31 is sensible and is in line with what many southern states have instituted. Follow the science, please.

David Malchman

From: [Talilla Schuster](#)
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crabs
Date: Monday, May 1, 2023 8:28:22 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello,

I am writing in support of the most protective regulations possible for the horseshoe crab. These creatures have been roaming around in their natural habitat for millennia, and now humans are messing it up, as usual. Many other states have stricter regulations and it is embarrassing that Massachusetts is behind on this. Moreover, it is deficient regulation that allows the take of eggng females and this should be stopped immediately.

PLEASE PROTECT HORSESHOE CRABS!! And please do not let biomedical dollars to cloud your vision of appropriate regulations.

Sincerely, a Massachusetts voter, Talilla Schuster

From: [Helen L.](#)
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crabs
Date: Tuesday, April 25, 2023 6:37:59 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:
Daniel McKiernan
Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th.

In addition, I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Thank you,
Helen Linnehan
Barnstable, MA

Sent from my iPhone

From: [Sylvie Parsons](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Monday, May 1, 2023 1:57:01 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Sylvie Parsons 7th grader at Falmouth Academy

From: [Janet Prolman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Saturday, April 29, 2023 7:28:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I urge you to enact the strongest possible protections for horseshoe crabs.
SAVE THE HORSESHOE CRABS!!!

Respectfully,
Janet Prolman
Brewster, MA

Sent from [Outlook](#)

From: [Mary Lee Mantz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crabs
Date: Thursday, April 13, 2023 9:05:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To Whom It May concern,

I am writing to plead for the protection of our horseshoe crabs. Please use your influence to stop using the crabs as bait. This is especially critical to protect spawning females which in turn provide food for our shorebird population.

Horseshoe crabs are an ancient species and we need to be good stewards of all wildlife to ensure their survival.

Thank you

Mary Lee Mantz
PO Box 1076
South Orleans MA 02662

From: [Lilah Fulham](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Monday, May 1, 2023 9:19:44 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Lilah

From: [orcapod9](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Monday, April 24, 2023 6:43:05 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Division of Marine Fisheries (DMF):

I am writing to express my great concern about the future of Horseshoe Crabs in Massachusetts and to register my request to please put better measures in place to protect them going forward.

DMF's current management scheme is outdated and in serious need of revision. I understand that the agency recently sent a memo to the Marine Fisheries Advisory Commission with changes to Commercial Horseshoe Crab limits for 2023.

I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, we shouldn't continue to support a failing fishery to the detriment of another very important species, the Horseshoe Crab.

To ensure the survival of Horseshoe Crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one. Horseshoe Crabs deserve a lot more attention and respect than they are currently receiving. I sincerely hope that your organization will work hard to protect the Horseshoe Crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue.

Sincerely,
Jen Hunsinger
Catawissa, PA

From: [Judy Shumway](#)
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crabs
Date: Friday, April 7, 2023 3:05:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Horseshoe crabs need protection immediately They've managed to hang in for millions of years but thanks to the interference of us humans they could vanish. And they are so important to the survival of several bird species.

Please intervene and protect these amazing creatures immediately.
Judy Shumway

Sent from [Mail](#) for Windows

From: [Mass Audubon](#) on behalf of [Chuck Steacy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Thursday, April 27, 2023 5:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Chuck Steacy
28 Centerbrook Lane
Centerville, MA 02632
(508) 292-5589
csteacy@comcast.net

From: [Eileen Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Friday, April 21, 2023 8:41:29 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Greetings,

I would like to express my support for horseshoe crabs.

Thank you,

Eileen Smith

Sent from my iPad

From: [Jim Linnehan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Tuesday, April 25, 2023 8:03:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:
Daniel McKiernan
Director of MA Division of Marine Fisheries

Sir, please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th.

In addition, I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Thank you.

James Linnehan
Barnstable, MA

From: [Dallas and Liz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Wednesday, April 19, 2023 7:52:48 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please do what you can to protect horseshoe crabs. At the very least, it would be great if you banned bait- fishing. A horrible practice.

And I am definitely in favor of complete protection (from bait- fishing and from the blood- taking) during their spawning season, whihc I believe lasts till the end of May.

They have been an important factor in our our ecological system for longer than humans have been on Earth. Let's take a step away from using these wonderful animals for our own convenience, and do what we can to restore some kind of natural balance.

Yours sincerely, Liz Jones (South Chatham, MA)

From: [Rob Heath](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Friday, April 21, 2023 10:44:11 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

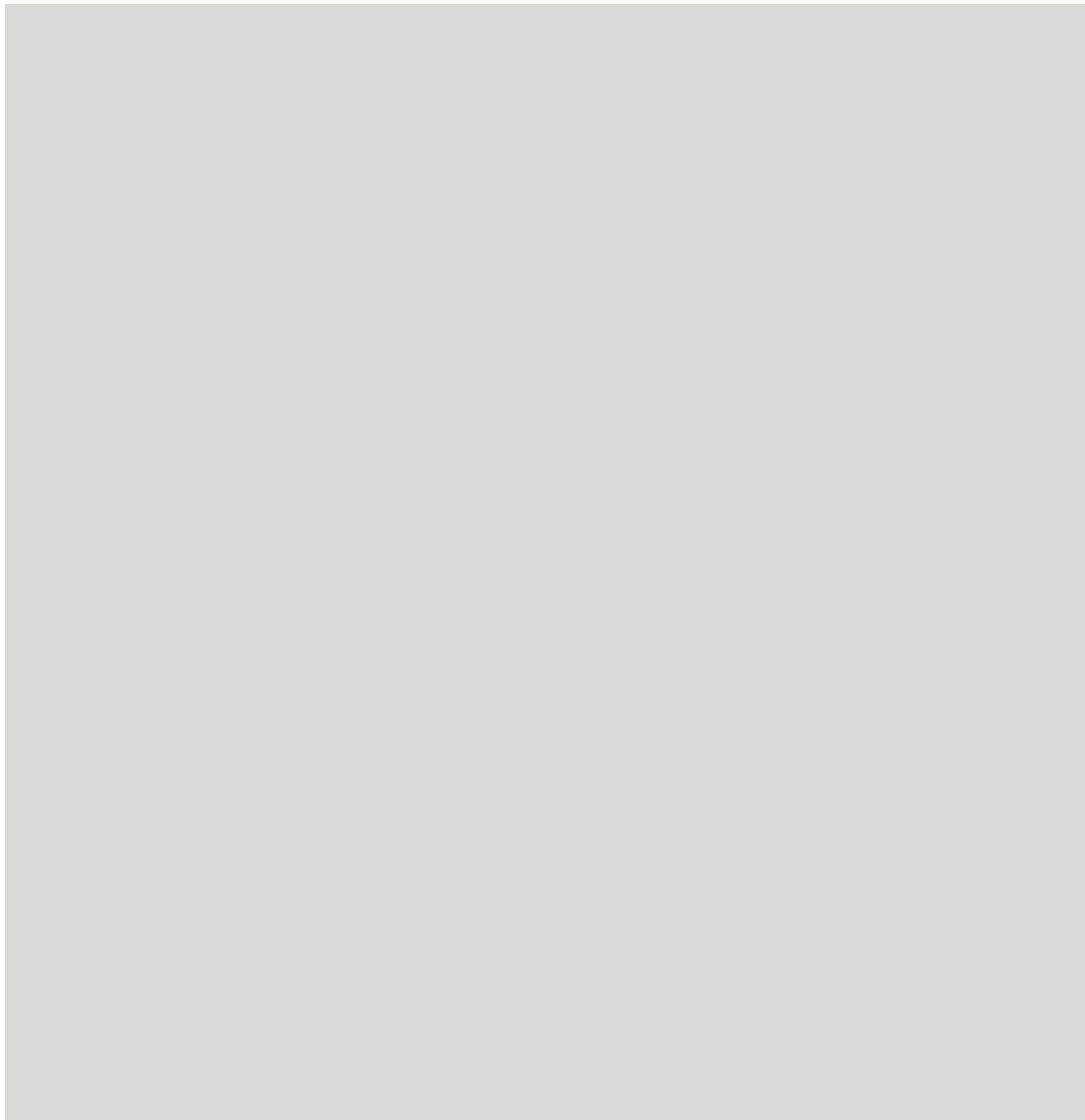
I am writing to let you know that I support protecting spawning horseshoe from all forms of harvest (bait and biomedical) and I support the ending of ALL bait harvesting altogether.

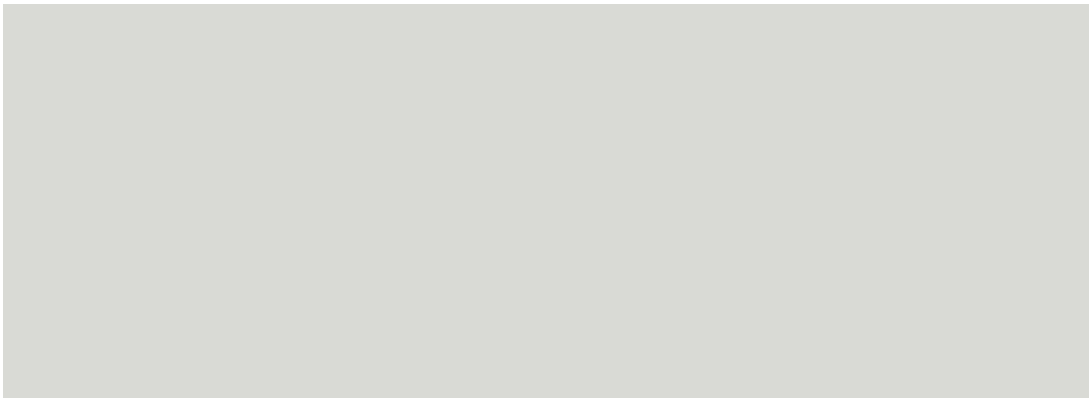
Horseshoe crabs support our migratory shorebird bird population and need to be protected.

Please support horseshoe crabs by enacting further regulations to protect them and the others species that will be impacted by the overfishing of Horseshoe crabs.

Thank you!!

Robert Heath
Eastham MA





Sent from my iPhone.

From: [Dave McNeill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Thursday, April 13, 2023 12:51:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please enact greater protection for Horseshoe crabs in all Massachusetts waters. Thank you!

Sent from my Galaxy

From: [Goddard Kowalski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Thursday, April 13, 2023 10:53:22 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi,

I'm a volunteer at Mass Audubon on Cape Cod. I have helped with taking a survey of horseshoe crabs last year and during my survey I found none of them. I am concerned about the use of them for bait and biomedical use.

Thanks for listening,
Stephanie

From: [Don Jepson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Sunday, April 16, 2023 10:19:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Subject: Public Comment on Future of Horseshoe Crabs

To Daniel McKiernan, Director -

I am writing to express my great concern about the future of horseshoe crabs in Massachusetts, and to register my request to please put better measures in place to protect them going forward.

DMF's current management scheme for the species is outdated and in serious need of revision. The agency recently sent a memo to the Marine Fisheries Advisory Commission with recommended changes to Commercial Horseshoe Crab limits for 2023. I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing industry to the detriment of another very important species, the horseshoe crab.

To ensure the survival of horseshoe crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one, and is also an ancient species that deserves a lot more attention and respect than it is currently receiving. I sincerely hope that your organization will work hard to protect the horseshoe crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue.

Regards,
Don Jepson
Wareham, Mass

From: [Faulkner, Tracy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Tuesday, April 11, 2023 6:35:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please note regulatory changes do not go far enough and we are calling for an all-out ban on the killing or capture of horseshoe crabs in Massachusetts. Thank you for your attention.

Tracy L. Faulkner



Please consider the environment before printing this email. Thank you.

Choate Hall & Stewart LLP Confidentiality Notice:

This message is transmitted to you by or on behalf of the law firm of Choate, Hall & Stewart LLP. It is intended exclusively for the individual or entity to which it is addressed. The substance of this message, along with any attachments, may contain information that is proprietary, confidential and/or legally privileged or otherwise legally exempt from disclosure. If you are not the designated recipient of this message, you are not authorized to read, print, retain, copy or disseminate this message or any part of it. If you have received this message in error, please destroy and/or delete all copies of it and notify the sender of the error by return e-mail or by calling 1-617-248-5000. If you are a resident of California, please see Choate's Notice to California Consumers Concerning Privacy Rights, which is posted at <https://www.choate.com/terms-of-use.html#privacy-statement>. For more information about Choate, Hall & Stewart LLP, please visit us at [choate.com](https://www.choate.com)

From: [Lisa stanton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Tuesday, April 11, 2023 9:54:14 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please stop harvesting of horseshoe crab females for any reason in Massachusetts.

Please stop harvesting of horseshoe crabs for bait in Massachusetts.

Please stop harvesting of horseshoe crab males for bleeding until the end of June in Massachusetts.

Thank you
Lisa Stanton
30 Meadow View Drive
East Falmouth, Ma 02536
[Sent from Yahoo Mail for iPhone](#)

From: [Art Spar](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Saturday, April 8, 2023 2:11:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I like to offer my support for more protections for horseshoe crabs, including a call for an end to bait harvest.
Thank you,
Arthur Spar
Wellfleet, MA

From: [Carolyn Parker](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Friday, April 7, 2023 7:19:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. (Dr.?) McKiernan,

I read the new horseshoe crab regulations and am afraid they don't go far enough to protect the crabs' populations. I have lived on Pleasant Bay in Chatham for 64 years and I have noticed a great decrease in their numbers in the past six or eight years. About eight years ago I volunteered to count spawning crabs with the Wellfleet Audubon personnel and even then, the number of female crabs was way below the male numbers. I understand the females have more blood for the biomedical industry. While swimming near my house there was never a day when a horseshoe crab didn't run over our feet and we could always see several from our little boat.

I have some questions regarding the rules for harvesting them.

- o Is there anyone who oversees the crabs release back into the bay after being bled? I have seen people catching them in trash cans and have never seen any releases.

Can you mandate where and when they are released? I honestly don't think they are returned.

- o Crabs caught as bait aren't required to be counted towards the biomedical quota!? So bait fishermen can sell as many as they want to be killed after bleeding?

- o Why would anyone bother to get a biomedical crab permit when there is hardly any regulations on bait fishermen?

- o Is the quota on Pleasant Bay really 500 crabs a day?

Seeing the crab fishermen piling hundreds of horseshoe crabs in their trash cans is horrible. How can I help their survival in Pleasant Bay? They are becoming rare. If I can supervise their release I will happily go out in my boat and watch from a distance.

Can we talk about this? I would love to chat about this and have some questions answered if you have time. Unfortunately, I won't be in Chatham until mid to late May but am available by phone. I am in Idaho and we are two hours behind eastern time. My number is 208-481-0785.

Thanks for your time. Enjoy the weekend.

Carolyn Parker
North Chatham

From: [Patricia Nash](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs.
Date: Friday, April 28, 2023 8:42:33 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

PLEASE add further restrictions to harvesting horseshoe crabs for bait and testing. They are so very important to our ecosystems. I have seen pickup trucks FULL of wriggling crabs for bait, and it makes me sick. Thanks.

Pat Nash
Eastham MA 02642

From: [Giovanna Messina](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe crabs
Date: Monday, May 1, 2023 12:57:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Giovanna Messina

From: [Rosemary Levy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: horseshoe crabs
Date: Monday, May 1, 2023 4:53:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please protect horseshoe crabs in Massachusetts. They are an important part of our ecosystem and it is very sad to see them fished for bait. They are clearly overfished here, and we need new regulations to protect them!

Sincerely,
Rosemary Levy
Brewster, MA

From: [Joan Cancilla](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crabs
Date: Monday, May 1, 2023 10:34:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I am writing to request protection for Horseshoe Crabs. I do not believe we should be allowing them to be used for bait. Also, I do not want blood draws from horseshoe crabs to be fine near or during their mating season.

Please take action to protect Horseshoe crabs.

Joan Cancilla
Jeanne Dore
96 Wigwam St
Wellfleet, MA 02667

From: [Maureen Ward](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Proposed Regulations
Date: Monday, May 1, 2023 12:48:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Director Daniel McKiernan,

Want to applaud the DMF for the recent proposed regulations to protect MA horseshoe crabs. I support all proposals with one exception, limiting the spawning season protection to only until the end of May. Would like to see horseshoe protected during its entire spawning season, prohibiting all harvest until June 15th.

There have been many discussions and justifications highlighting increased HSC populations in the Nantucket Sound trawl data. However, there is no real explanation as to why the traditional beach nesting survey numbers are consistently reflective of decreasing or low populations. So many factors are either poorly understood or out of our control, like loss of nesting habitats and rising sea levels.

It is clear in the two protected areas on Cape Cod horseshoe populations are thriving. It could be argued that because of Monomoy protections the Nantucket Sound population is rebounding.

Doing what we can control, protecting these vulnerable horseshoe crabs during their entire spawning season, is important. One day a synthetic replacement for the LAL will come whether it's the debated recombinant Factor C or some other. But until then it make sense to protect spawning.

No other animal contributes more to human health and wellness than the horseshoe crab. So, why are other species given more protection when they play such a significant role in our local coastal ecosystems and in human health?

Unfortunately, many threatened local inhabitants such as native bees, birds, fish, and whales are on the verge of disappearing. We could/should have acted sooner and erred on the side of basic conservation because often too little too late makes recovery that much harder. Once lost, they can't be recovered.

We are at an intersection where our past, present, and future are overlapping. Will we continue to risk the horseshoe crab's future and possibly ours? Why not do everything we can now, while we can, before we can't.

Maureen Ward
Centerville

From: [Kaden Matthias](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoecrabs
Date: Monday, May 1, 2023 1:03:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Kaden

--

Thank you for your time
Kaden He/Him/His

From: [Jennifer Jones](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoes Crabs
Date: Sunday, April 23, 2023 11:39:34 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello, I am writing to urge you to implement the changes proposed in the moratorium by the DMF to protect Horseshoe Crabs. Also please stop using their blood for medical procedures when there is an alternative option, and eliminate harvesting of Horseshoe Crabs for commercial bait.

Thank you,
Jennifer Jones

From: [Elise Casso](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Horseshoe Crab Conservation Appeal
Date: Monday, May 1, 2023 11:32:14 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Elise Casso

From: [Mass Audubon](#) on behalf of [Amy Wissell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: I am Really in support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:18:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I have a home on Cape Cod and have decades of memories watching the horseshoe crab mating season and answering all the terrified tourist questions "What is going ON!" I grew up watching them for hours. I was thrilled when they stopped being used to blood testing as I noticed their decline.

We are overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amy Wissell

10 Chester St
Danvers, MA 01923
(508) 246-8870
alwissell@gmail.com

From: [Mass Audubon](#) on behalf of [Louise Johnson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: I Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Louise Johnson
20 Sandpiper Hill Rd
Wellfleet, MA 02667
(617) 721-7711
lsj2020@gmail.com

From: [Robert McGann](#)
To: [Fish, Marine \(FWE\)](#)
Subject: I support protections new conservation measures for horseshoe crabs
Date: Sunday, April 30, 2023 2:10:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear DMF:

I just found out last night that my sister is involved with doing a horseshoe crab survey in Delaware where the spawning horseshoe crabs play a vital role in the survival of the federally Threatened red knot. Why do the states around Delaware Bay provide better protections for the crabs than the state of Massachusetts? Is it because we only have one spot during spring migration where the state-listed red knot can stock up on horseshoe crab eggs for its long flight to the Arctic to breed? - Monomoy Island.

We have a greater presence of these endangered birds in the fall migration when they stop over to feed on many Cape beaches before their long flight to southern South America. But if they are unsuccessful breeding because they were unable to fill up on horseshoe crab eggs in the spring then we won't be seeing these spectacular long-distance migrants in the fall.

Please pass the regulations that will protect spawning horseshoe crabs from harvest during January through May. Additionally we would support banning the use of horseshoe crabs in the whelk fishery.

Sincerely,

Robert and Janice McGann

From: [Krill New Phone](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Increasing Horseshoe Crab Protections
Date: Monday, May 1, 2023 12:02:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello Director Daniel McKiernan: The New England Coastal Wildlife Alliance (NECWA), is a nonprofit based in Middleboro MA. NECWA focuses on various marine wildlife species in the south coast area, including Horseshoe Crabs, Ocean Sunfish, Torpedo Rays, Sea Turtles, and various marine mammals. Our members are very interested in the protection of Horseshoe Crabs in the coastal waters of Massachusetts. We feel that DMF's current management scheme is outdated and in serious need of revision. I understand that the agency recently sent a memo to the Marine Fisheries Advisory Commission with changes to Commercial Horseshoe Crab limits for 2023.

I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing fishery to the detriment of another very important species, the Horseshoe Crab.

To ensure the survival of Horseshoe Crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one. Horseshoe Crabs deserve a lot more attention and respect than they are currently receiving. I sincerely hope that your organization will work hard to protect the Horseshoe Crab as well as other species whose success is so closely tied to our own.

Also, each spring, NECWA staff members, interns, and volunteers head down to the Cape to help Mass Audubon with their Horseshoe Crab surveys. One site that we often assist with is Marsh 2-3 in Orleans, which is just south of Nauset Beach and includes the waters of Pleasant Bay. In this area, harvesters can not collect Horseshoe Crabs for bait but they can harvest for the biomedical facility in Falmouth. Even though we have participated in these spawning surveys for many years, not one volunteer has found a Horseshoe Crab that was marked by the Falmouth facility. We are all wondering where those bled crabs are. Also, we have noticed a disproportionate number of males to females at these spawning sites. We are all wondering if the Falmouth facility is selecting females over males since females would provide more blood given their larger size? There needs to be more transparency with both the bait and the biomedical industry. As taxpayers whose money is supporting DMF, we should have access to any information and details related to the harvest and use of Horseshoe Crabs.

Thank you for your time and attention to this critical issue.

Best Regards,

Carol "Krill" Carson

Carol "Krill" Carson
Marine Biologist and President, NECWA
krillcarson@me.com
508-369-8303

www.necwa.org
www.nebshark.org

From: [Jim Woodburn](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Letter of Support for the Horseshoe Crab
Date: Saturday, April 15, 2023 3:58:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Division of Marine Fisheries (DMF),

I am writing to express my great concern about the future of Horseshoe Crabs in Massachusetts and to register my request to please put better measures in place to protect them going forward.

DMF's current management scheme is outdated and in serious need of revision. I understand that the agency recently sent a memo to the Marine Fisheries Advisory Commission with changes to Commercial Horseshoe Crab limits for 2023.

I am writing in support of those modifications related to:

1. Further restriction of harvesting dates.
2. Significantly reducing bait quotas.
3. Requesting daily electronic reporting for all bait and biomedical harvesters.

I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait. Since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing fishery to the detriment of another very important species, the Horseshoe Crab.

To ensure the survival of Horseshoe Crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one. Horseshoe Crabs deserve a lot more attention and respect than they are currently receiving. I sincerely hope that your organization will work hard to protect the Horseshoe Crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue!

Thank you,

Jim Woodburn
Lakeville, MA



May 1, 2023

Dan McKiernan, Director
Massachusetts Division of Marine Fisheries (DMF)

Via Email: marine.fish@mass.gov

Dear Director McKiernan and Members of the Massachusetts Fisheries Advisory Commission (MFAC):

Mass Audubon submits the following comments in support of the proposed revisions to the horseshoe crab harvesting regulations. The proposed changes are a step toward more sustainable management of this ecologically important and chronically depleted species. As essential as these proposed changes are, they are not sufficient to allow the species to recover its population to a significant degree. In addition to adopting the current proposed regulations, we encourage you to plan a phase-out of the bait harvest.

We thank DMF for past efforts to sustainably manage this complex fishery, including setting a much lower state annual quota than that allocated by the Atlantic States Marine Fisheries Commission (ASMFC) and the lunar closures to reduce harvest during spawning. We also appreciate your collaboration with Mass Audubon on research including a sonic telemetry study in Chatham and joint efforts to develop survey protocols for juvenile crabs. As you know, Mass Audubon supplies nearly half of the spawning survey data used by DMF at our own expense, including some of the longest time series in the state. Our research and monitoring of horseshoe crabs, which dates back several decades and covers embayments with very different management regimes, informs our deep concern for this important species.

Background

Horseshoe crab populations experienced severe historic declines both locally and regionally due to unregulated harvest and state- and town-sponsored eradication programs from the 1950s through at least the 1970s. More recently, harvest has been regulated, but not to a degree sufficient to enable population recovery. Horseshoe crabs take at least 10 years to reach spawning age, and management of the species must take into account their lifecycle. These animals have important ecological connections to declining and federally protected shorebirds including here in Massachusetts. Horseshoe crab eggs are a key food source for the rufa Red Knot (*Calidris canutus rufa*), federally and state-listed as a threatened species. Multiple sources (Mackay 1893, Forbush 1912, Hill 1965) show Massachusetts was historically part of the network of spring stopover sites for Red Knots, with numbers up to 25,000 recorded in eastern Cape Cod Bay in the 19th century, and records showing over 5,000 spring knots as recently as 1953 at Monomoy, all likely feeding on crab eggs. Numbers up to the low hundreds can still be found some years at Monomoy during horseshoe crab spawning (B. Harrington pers comm).

Current Proposal

The Horseshoe Crab Conservation Association (HCCA) proposed that DMF close horseshoe crab harvest from January 1 through June 15, which we supported. DMF has responded by proposing regulatory amendments to close the harvest through May 31. We also support this modest measure, as it would protect most spawning crabs from harvest. Data show the majority of crabs spawn in May. A June 15 start date would mirror the regulations used to protect spawning crabs in Delaware, Maryland, and Virginia, where horseshoe crab spawning numbers are up to 1,000 times higher than here in Massachusetts. These states also prohibit the harvest of females, and New Jersey and South Carolina do not allow bait harvest at all. The Connecticut legislature is currently considering a bait harvest ban.

Bait Harvest

In addition to adopting the spawning period harvest prohibition effective 2024, we encourage DMF to develop a plan for future regulatory amendments to end all bait harvest of horseshoe crabs. Ending the hand harvest of spawning females should be high priority. Female crabs have been traditionally harvested during spawning to be used as bait in the whelk fishery, a fishery which itself is classified by DMF as overfished and unsustainable.

The bait harvest of spawning females began when they were still considered a pest by shellfishers and druggers. The targeting of spawning females for bait or biomedical harvest should have no place in the modern management of an ecologically and economically important species. It is not legal to harvest egg bearing female lobsters and true crabs in Massachusetts. It's time to extend a similar of protection to spawning horseshoe crabs as well.

Other Values of Horseshoe Crabs

In addition to their ecological, biomedical, and fishery values, horseshoe crabs would contribute to ecotourism, particularly during the spring shoulder season. In Cape May, New Jersey, visitation by birders and other outdoor enthusiasts each May during red knot migration provides tens of millions of dollars annually in regional economic benefits. Improved protections and recovery of the population would help grow ecotourism on the Outer Cape. Mass Audubon's Wellfleet Bay Wildlife Sanctuary's spring Horseshoe Crab Conferences have typically drawn over 120 people during an otherwise slow time of year. Participants come from locations well off-Cape to attend our tagging and other horseshoe crab programs, but by early June we are lucky to find two or three individual crabs for a tagging program.

Improving Biomedical Harvest Oversight, Recognizing Value of Refugia

We thank DMF for giving new attention to the impacts of the expanding biomedical fishery. We also encourage more frequent trip observations on Nantucket Sound trawlers as well as inspection of holding pens used by biomedical suppliers, like those in Stage Harbor, Chatham, where significant mortality was noted in 2022. We remain concerned at the dramatic increase in biomedical harvest, most of which occurs just west of the Monomoy National Wildlife Refuge boundary. Monomoy has served as an effective marine protected area, likely fueling any observed increases in horseshoe crab numbers in the Sound. The Refuge serves as likely the only place northbound shorebirds, in at least some years, feed on crab eggs, thanks to a prohibition on all forms of harvest.

Thank you for considering these comments. We look forward to continuing to work with DMF to advance the scientific understanding of horseshoe crab populations and support improved management of this valuable natural resource.

Sincerely,



Heidi Ricci, Director of Policy and Advocacy
hricci@massaudubon.org



Mark Faherty, Science Coordinator
Wellfleet Bay Wildlife Sanctuary
mfaherty@massaudubon.org

References:

Forbush, E. H. 1925. *Birds of Massachusetts and other New England states*. Massachusetts Department of Agriculture, Boston, Massachusetts.

Hill, Norman P. 1965. *The Birds of Cape Cod, Massachusetts*. William Morrow & Co., New York, 364 pp.

Mackay, G.H. 1893. *Observations on the Knot (Tringa canutus)*. Auk 10: 25-35.

From: [Alexandra Todd-Weinstein](#)
To: [Fish, Marine \(FWE\)](#)
Date: Monday, May 1, 2023 1:52:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Lexi Todd-Weinstein

--

Sincerely
Lexi Todd-Weinstein
class of 27

From: [Bodhi Talbot](#)
To: [Fish, Marine \(FWE\)](#)
Date: Monday, May 1, 2023 12:01:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

Extending the harvest ban to at least June 15 as was originally petitioned.

Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Bodhi Talbot

From: [Dpeterson Peterson](#)
To: [Fish, Marine \(FWE\)](#)
Date: Monday, May 1, 2023 6:54:17 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Horseshoe crab harvesters,

Luner closure is the key to success with out the closure the system would fail, during the closure the species thrive in their undisturbed habitat giving the chance to breed and flourish. I believe the impact of the fishery has little to no impact,in regards to the birds which there is no control have a free for all in a feeding frenzy have a devastating effect on the Horseshoe crab breeding process, there is no sense to to support a species that has no respect, this is like putting a fire out with gasoline.

Respectfully

David Peterson

Commercial fisherman/ Herring warden town of chatham

From: [Sandy Bielawa](#)
To: [Fish, Marine \(FWE\)](#)
Date: Friday, April 28, 2023 9:57:15 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Division of Marine Fisheries (DMF) / Director Daniel McKiernan:

I am writing to express my concern about the future of horseshoe crabs in Massachusetts and to register my request to please put better measures in place to protect them going forward. I learned about this issue at yesterday's Plymouth Farmers Market from the NECWA organization.

DMF's current management scheme is outdated and in serious need of revision. I understand that the agency recently sent a memo to the Marine Fisheries Advisory Commission with changes to commercial horseshoe crab limits for 2023.

I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significant reduction in bait quotas, and 3) daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of horseshoe crabs for commercial bait; because the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing fishery to the detriment of another very important species.

To ensure the survival of horseshoe crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one. Horseshoe crabs deserve a lot more attention and respect than they are currently receiving. I sincerely hope that your organization will work hard to protect the horseshoe crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue.

Regards,
Sandy Bielawa
Plymouth, MA

From: [Josie Anderson](#)
To: [Fish, Marine \(FWE\)](#)
Date: Monday, April 24, 2023 7:01:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:

Daniel McKiernan

Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 30 through June 30.

In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Josie Anderson
Wellfleet, MA

From: [Candace Bechgaard](#)
To: [Fish, Marine \(FWE\)](#)
Date: Friday, April 21, 2023 5:03:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Horseshoe Crabs should not be used for bait harvesting. We mess around with nature for our own gains and disregard the consequences we leave behind. We make a mess interfering with nature, and then years later have to clean it up..... Why do we not learn to respect nature and it's ability to work for it's self. Nature is simply breath taking.....wondrous in all respects, until we get involved. Leave the horseshoe crabs alone. They have been here for millions of years, and destroying them because we can.....in order to get what we want is repugnant. Yours sincerely. Candace Bechgaard.

From: [Robert Wilkinson](#)
To: [Fish, Marine \(FWE\)](#)
Date: Thursday, April 20, 2023 4:03:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please don't allow horseshoe crabs to be used for bait. Thank you.

From: [Russell Lavery Van Parijs](#)
To: [Fish, Marine \(FWE\)](#)
Date: Monday, May 1, 2023 2:36:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Russell Lavery Van Parijs

--

Sincerely, Russell



P.O. Box 1770
Manomet, MA 02345 USA
(508) 224-6521
manomet.org

Daniel McKiernan, Director
Mass. Div. of Marine Fisheries
251 Causeway St., Suite 4000
Boston, MA 02114

Dear Mr. McKiernan:

May 1, 2023

Please accept this letter as Manomet Inc.'s comments regarding your "Proposal to Adjust Commercial Horseshoe Crab Limits for 2023."

As a former coastal program manager for the Georgia Department of Natural Resources, and now as VP for Manomet Inc. here in Plymouth, I am fully aware of the significant challenges for state authorities with the responsibility of maintaining healthy wildlife and fish populations to be able to balance the diverse needs and interests of stakeholders. As a public trust resource, state and federal authorities must apply the best science to ensure that wildlife populations and ecosystems are maintained with the highest abundance and population vitality to benefit this and future generations of citizens in Massachusetts. This can be a daunting and complex task indeed, and I appreciate your efforts in prioritizing the best path forward to manage state horseshoe crab populations so they will continue to play a critical role in our coastal systems. I attended your November 2022 stakeholder meeting in Bridgewater and was encouraged by your approach in listening to all perspectives with the goal of long-term horseshoe crab viability in the state.

Massachusetts plays an important role as a stopover area for some of the species of shorebirds that are experiencing previously unrecorded levels of decline, horseshoe crab eggs are an important component of coastal invertebrate food resources that sustain these birds on migration. We support the Massachusetts Division of Marine Fisheries efforts to manage horseshoe crab populations using the best available science for the benefit of sustained ecological health and biological richness with benefits for the birds and other wildlife, including fish. We support the proposal to close the harvest of horseshoe crabs through May but think that a closed harvest period through the entire spawning season is the most prudent approach until crab stocks can rebound all over the Cape and eastern Massachusetts. We also encourage you to consider a ban on the harvest of adult female crabs (adopted by other states), which, based on the crabs reproductive biology. Protecting adult female crabs is the key to maintaining and rebuilding populations of the species in Massachusetts waters.

Shorebirds: The need for Sweeping Conservation Actions

Manomet staff specialize in shorebird research, habitat management, and conservation initiatives throughout North, Central, and South America. One of our foundational monitoring efforts, the International Shorebird Survey (ISS), has been recognized by state and federal agencies nationwide as the best measure of shorebird population trends available, particularly in eastern North America, where we



P.O. Box 1770
Manomet, MA 02345 USA
(508) 224-6521
manomet.org

have collected the most consistent data. Our network of 300 volunteers and professionals contribute seasonally to ISS, which was launched fifty years ago. Recent analysis by our colleagues with the Environment and Climate Change Canada has been published in the journal *Ornithological Applications*. The full paper can be accessed here: [Accelerating declines of North America's shorebirds signal the need for urgent conservation action | Ornithological Applications | Oxford Academic \(oup.com\)](https://ouppub.oup.com/doi/10.1093/ornith/olaa001)

The results of analysis in this paper indicate that many of our shorebird populations are in serious trouble, showing an acceleration in the decline of populations. Four species exhibiting the steepest declines are significant to eastern Massachusetts: The Red Knot (*Calidris canutus rufa*), Hudsonian Godwit (*Limosa haemastica*), Short-billed Dowitcher (*Limnodromus griseus*), and Ruddy Turnstone (*Arenaria interpres*). These species are Arctic and subarctic nesters that migrate through Massachusetts, relying on our coast each spring as a stopover area for rest and refueling as they move north from areas as far south as the Southern Cone of South America. Red Knots and Hudsonian Godwit exhibit some of the longest migrations of any birds, with just one or two stops along the way. After nesting, they leave areas in northern Alaska and the barren grounds of far northern Canada to fly south all the way to the intertidal mudflats in coastal Argentina and Chile. Both knots and godwit flock sizes coming to Massachusetts now are a small fraction of what once came to our beaches and marshes in past decades. Ensuring habitat quality and abundant food resources is a first step in helping to maintain the health and reproductive potential of the remaining birds.

The subspecies of Red Knot found in Massachusetts, commonly known as *rufa*, was listed as Threatened under the Endangered Species act in 2014, and a revised critical habitat proposal was released this month by the US Fish and Wildlife Service. In it they propose just over 5,000 acres for designated critical habitat in coastal Massachusetts, including sites in Pleasant Bay, Chatham South Beach Islands, and Monomoy National Wildlife Refuge. The proposal for Critical Habitat designation can be found here in the Federal Register: (<https://www.federalregister.gov/documents/2023/04/13/2023-06619/endangered-and-threatened-wildlife-and-plants-designation-of-critical-habitat-for-rufa-red-knot>). The areas proposed for designation in Massachusetts under the ESA were active with Knots in 2014 when the species was listed as threatened. A much larger area, including many more eastern Massachusetts beaches were used historically by knots, but not included in the current proposal.

In Massachusetts, horseshoe crab eggs play an important role as a food resource for both northbound shorebirds in May and early June, as well as providing important food resources for shorebirds staging on our state's beaches in the late summer and fall, July through September. Gaining "flight weight" during this southbound migration is as important as it is when the birds are on their way to nesting up north. In addition to horseshoe crab eggs, small bivalves and other invertebrate prey species are also consumed by shorebirds during these stopover periods. The shorebirds in Massachusetts leave for the tropics with direct flights out over the Atlantic before reaching Caribbean and South American coasts. Given this incredible



P.O. Box 1770
Manomet, MA 02345 USA
(508) 224-6521
manomet.org

journey, the time they spend in Massachusetts is critical to build fat reserves and muscle mass. The distribution, abundance, and availability of those food resources all contribute to the ability of these birds to make the next leg of migration. Building robust horseshoe crab spawning aggregations with an increase in the number of spawning adult crabs, will bolster densities on Atlantic and Bay beaches on Cape Cod; an important step in advancing shorebird conservation efforts.

Horseshoe Crabs: The Need for a Risk-Averse Approach

Horseshoe Crab reproductive biology is a mix of strategies common in other wildlife species. The crabs are slow to reproduce, with females not maturing for 12 years. They produce a large number of eggs and subsequent a large number of larval offspring emerge into coastal waters. The larvae and young crabs are eaten by fish, creating a low survival probability. Many slow maturing species have low numbers of offspring that receive more parental investment, but this is not so with the crabs. This reproductive approach is quite similar to the reproductive strategy of our Atlantic Sea Turtles, whose maturity takes upwards of thirty-five years before the first eggs are laid in the beach. In both cases, biological value is much higher for the mature adult females who are anticipated to be contributing many thousands of eggs over their lifetimes. From these masses of eggs, only small numbers of surviving offspring will reach maturity. The eggs and young for both sea turtles and horseshoe crabs are consumed in large numbers by a wide variety of land, air, and ocean creatures. In both cases the eggs and offspring become biologically “cheap” or most expendable life stages in the long-term viability of their respective populations and are also an important part of the coastal food web.

In Georgia, state and federal biologists developed a multi-pronged approach to recovering a depleted Loggerhead Sea Turtle population for the south Atlantic states. The management is working, and for this endangered reptile, a slow and steady path to recovery is measured by new record numbers of sea turtle nests on the coasts of Georgia and South Carolina about every three years. The strategy focuses management actions on reducing threats that impact survival of adult females. Secondary to that, but also important, is to ensure that nests are allowed to hatch, sending the full complement of young turtles into the Atlantic Gyre each season.

My point to this sea turtle analogy, is that for slow to reproduce, long lived crabs, recovery of depleted stocks has to include protections for the highest valued stage within their life cycle, the spawning adult female crabs. Eggs, juveniles, and males are biologically less “expensive” in terms of the ability to maintain and rebuild the stocks. In this management approach, your proposal to prohibit harvest of crabs for any purpose through May is a good start and we support this effort. I think however, the next logical step is to eliminate the harvest of adult female crabs entirely. Adult females hold the key to maintaining a sustainable population of crabs in Massachusetts waters and with this added protection, will be a first step in rebuilding historic spawning aggregations.



P.O. Box 1770
Manomet, MA 02345 USA
(508) 224-6521
manomet.org

Horseshoe Crabs are the only species that I am aware that faces pressure on the harvest of adult reproductive females during the act of spawning, in some state jurisdictions. I can think of no other fishery or terrestrial animal harvest regulation where this is true. If a population is to be maintained for future levels of harvest, protection during the breeding period is a standard and well-vetted approach in wildlife management. With that said, I hope you consider pushing the closed harvest season well into June to afford protection of breeding crabs, and to exclude adult female crabs from being harvested at all.

In Summary

Many populations of shorebirds are in steep decline. Massachusetts plays an important role as a stopover area for some of the species of shorebirds that are in steepest measured downward trends. One of the most important foods for shorebirds in Massachusetts, historically and today, are horseshoe crab eggs. We support the Massachusetts Division of Marine Fisheries efforts to manage horseshoe crab populations in a manner that ensures long-term viability and leads to the recovery of depleted stocks of crabs and the birds that depend upon them. Closing the harvest of crabs through May is a welcome start, but we encourage the strongest risk-averse management considerations, which include a closed harvest period through the entire spawning season. This approach is standard for all wildlife management activities across North America and makes universally accepted good sense for all species, including horseshoe crabs. Based on the reproductive “strategy” of the crabs, late to mature, long lived, large numbers of offspring, we also encourage you to consider a ban on the harvest of adult female crabs, which hold the key to rebuilding and maintaining populations in Massachusetts waters for the benefit of coastal food webs, benefiting us all.

Sincerely,

Vice President, Resilient Habitats



From: [Peter Jelinek](#)
To: [Fish, Marine \(FWE\)](#)
Subject: My support for more protection of horseshoe crabs
Date: Saturday, April 22, 2023 2:23:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern:

As a resident of Brewster I am very concerned about the horseshoe crab population. I am very much in favor of more protection for the species. This should include ending the bait harvest. Harvesting female crabs during their spawning season for the purpose of bait, for an unsustainable fishery of welk makes very little sense. It endangers the food source for migratory birds. Most if not all other states have banned the harvesting of horseshoe crabs as bait and Massachusetts should follow their lead and do the same.

Regards,

Peter Jelinek
74 Brier Lane
Brewster, MA 02631
Cell:770-329-2960

From: [Lisa Meeks](#)
To: [Fish, Marine \(FWE\)](#)
Subject: New horseshoe crab regulations
Date: Sunday, April 30, 2023 3:29:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Director McKiernan,

I support the proposed new horseshoe crab regulations that would prohibit the harvesting of them from January to May. The horseshoe crab population is declining due to the over harvesting of them for bait. Allowing the harvesting of them during their spawning season will only continue this population decline. Horseshoe crabs were once thought to be a pest but we now know that isn't true. Their eggs are an important food source for migrating shore birds such as the Red Knot that is also experiencing a population decline. Massachusetts needs to follow the examples of New Jersey, North Carolina and Delaware that have either banned or limited the harvesting of them. The people who harvest them for bait will likely oppose the new regulations but perhaps they should take a longer viewpoint. The proposed regulations would ban the harvesting for only 5 months a year but if nothing is done to protect the horseshoe crabs then eventually there won't be enough left to harvest for bait. I find it hard to believe that anyone thinks that allowing the harvesting of a species during their spawning period is a sound conservation strategy.

Let's implement the new regulations and give the horseshoe crabs the protection that they need.

Lisa Meeks
15 Red Leaf
Plymouth, MA

Sent from miPad



1 May 2023

Commissioner Dan McKiernan
Massachusetts Division of Marine Fisheries
Marine.fish@mass.gov
Members of the Massachusetts Marine Fisheries Advisory Commission

Re: Proposed revisions to Massachusetts Division of Marine Fisheries horseshoe crab harvest regulations

Dear Commissioner McKiernan,
Thank you, for the opportunity to comment on MA's Division of Marine Fisheries proposed changes to the regulations governing the horseshoe crab bait and biomedical fisheries. We applaud your taking on this difficult and conflict-ridden challenge.

Dr. David Mizrahi is the Vice-President for Research and Monitoring at New Jersey Audubon for the last 23 years and leads the organization's "Connecting the Dots" an international program that focuses on the ecology and conservation migratory shorebirds throughout the Atlantic Flyway. Dr. Lawrence Niles headed New Jersey's Endangered and Nongame Species program for 15 years and today leads Wildlife Restoration Partnerships, an organization focused on restoring habitats for migratory shorebirds, especially those used by the federally threatened Red Knot. He also heads the International Shorebird and Habitat Conservation Project for the Conserve Wildlife Foundation of New Jersey. We both have extensive experience documenting, researching, and analyzing the challenges endangered and threatened shorebirds face throughout the Atlantic flyway, publishing dozens of related peer-reviewed papers. For the last five years we have led the Horseshoe Crab Recovery Coalition, a partnership of more than 50 organizations along the eastern seaboard seeking to restore depleted horseshoe crab populations.

The proposed Massachusetts regulations – a 200,000 horseshoe crab biomedical quota, a 140,000 horseshoe crab bait quota, and a spawning closure from January 1st – May 31st -- will do little to rebuild the already substantially diminished horseshoe crab population in Massachusetts, and may not even maintain those numbers at their current low levels, which the International Union for the Conservation of Nature (IUCN) finds is in danger of extinction.

Massachusetts has the fewest horseshoe crabs of any state with a biomedical fishery, the least restrictive regulations, and the greatest pressure on its horseshoe crabs. The state hosts one of the largest bait fisheries along the eastern seaboard, and two very large biomedical companies. There are currently no data to support the contention that Massachusetts' horseshoe crab stocks have recovered sufficiently to withstand the kind of pressure they will experience under the proposed harvest regulations revisions. The state's data does not provide insights into trends in the number of adults (male. Female), newly mature, and juvenile females. Male:female sex ratios on the state's spawning beaches are highly skewed, the disappearance of spawning horseshoe crabs from beaches are warning signs of a collapsing population. The shift from a hand harvest to a trawl fishery is likely an important underlying cause of this depauperate population.

The horseshoe crab harvest regulations proposed by the Massachusetts Division of Marine Fisheries do not create the necessary biomedical and bait fisheries management required to alleviate the existing pressure on horseshoe crabs and rebuild their populations.

Biomedical quota

The quota of 200,000 horseshoe crabs, higher than last year's take of 176,000, allows for 14% growth in the horseshoe crab biomedical take. This is not sustainable. The annual biomedical harvest in South Carolina, which is approximately 150,000 horseshoe crabs, resulted in the disappearance of spawning crabs from many of the state's spawning beaches. Before this collapse, thousands more horseshoe crabs were spawning in South Carolina than in Massachusetts.

Bait quota

Massachusetts Division of Marine Fisheries set the bait quota at 140,000, the ten-year average. However, this quota appears to be higher than last year's take. It is reasonable to assume that the 2023 harvest would also be lower than the quota, given the increase in demand for biomedical horseshoe crabs. However, this quota, like the biomedical quota, does not allow for rebuilding of diminished horseshoe crab populations. Horseshoe crabs are used for bait in the American eel and whelk fisheries. The IUCN has listed American eel as endangered, the ASMFC considers it depleted. Your agency has determined that whelk and eel are depleted. Allowing a species like the horseshoe crab, which takes ten to twelve years to mature, to be used as bait for species which themselves are at risk seems ecologically reckless.

Rent-a-crab

Massachusetts is the only state with rent-a-crab program. We believe it should be terminated. Both the IUCN and China have listed the tri-spine horseshoe crab – the horseshoe crab supplying blood for lysate in Asia – as endangered, leaving the American horseshoe crab to bear the burden of a growing demand for limulus amoebocyte lysate (LAL) and the supply of horseshoe crabs in Asia declines. A recent article in the *New York Times* described how four of the world's leading pharmaceutical companies are making the transition from using bacterial endotoxin assays made with horseshoe crab blood to assays using recombinant factors. This transition, once codified by the U.S. Pharmacopeia, could take pharmaceutical industry five to ten years to complete. Until that time, every horseshoe crab must be kept alive and spawning to meet human health industry demand.

In the 2017, the last fishing year the Atlantic States Marine Fisheries Commission (ASMFC) made rent-a-crab numbers, 95,000 horseshoe crabs were bled and then sold as bait. Given that the coastwide biomedical harvest has increased every year since 2017, the number of crabs entering the bait stream through the rent-a-crab program has undoubtedly increased. Consequently, the bulk of bait crabs in Massachusetts are likely going into rent-a-crab. To sustain and rebuild the state's population of horseshoe crabs, horseshoe crabs harvested for biomedical purposes must be returned to the sea. Since whelk and eel fisheries are depleted, ending rent-a-crab may substantially reduce the bait take in Massachusetts.

Spawning closures

Establishing harvest restrictions for both bait and biomedical during the spawning season is an important first-step to restoring the population but reopening the fishery on May 31 is too early. Following the collapse of spawning horseshoe crabs on South Carolina beaches, a federal, court-ordered consent decree closes 30 beaches in South Carolina – almost every prime horseshoe crab spawning beach – until the end of the

spawning season on June 15. In colder springs in Delaware Bay, horseshoe crabs may not begin spawning until June. Given Massachusetts's even more northern waters and evidence of horseshoe crabs spawning in July, reopening the fishery on June 1 or even June 15 is not sufficiently protective.

In closing, we hope that you and the members of the Massachusetts Marine Fisheries Advisory Commission will seriously reassess the revisions to the horseshoe crab harvest being proposed and that more restrictive quotas will be considered. Only with a more conservative approach to management strategy can the state hope to restore horseshoe crab populations to full ecological functionality. Again, we appreciate the opportunity to provide our perspectives and are willing to discuss any of them if that would be helpful.

Respectfully,

David Mizrahi, Ph.D.
Vice-president for Research and Monitoring
New Jersey Audubon

Larry Niles, Ph.D.
Principal partner
Wildlife Restoration Partnerships

From: [Hillary Cressey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: No Horseshoe Crab Harvest, etc.
Date: Saturday, April 8, 2023 8:39:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Massachusetts Division of Marine Fisheries:

I am enthusiastically in favor of completely suspending the Horseshoe Crab harvest from January 1 - May 1. In addition, I encourage you to completely end the bait harvest, and restrict biomedical harvest to males only.

I am 74 years old; I grew up in Barnstable, and learned to swim at Scudder's Lane beach. As a child, we had to pick our way amongst the Horseshoe Crabs to get to the water. Anyone my age or older, who is familiar with Barnstable Harbor beaches, will tell you a similar tale. Today, and for many years past, female HSC's are rare at Barnstable Harbor beaches. For the past 11 years, since retiring as an Associate Professor of Biology at George Mason University, I have been the Spawning Survey Coordinator for two beaches on Barnstable Harbor - Millway and Long Pasture. The numbers of HSC's at these beaches has been dismal, as you know. The lunar closures do not seem to have had the desired effect, as numbers have remained relatively flat and low.

The taking of females during the spawning season is reprehensible. One does not have to be a population biologist to know that this is folly, and a recipe to push population numbers even lower. And to allow female HSC's to be harvested for whelk bait, when that population is in precipitous decline, is doubly irresponsible.

You cannot argue that you are helping the economy when you are ruining the basis of that economy.

Sincerely,
Hillary Boyle Cressey, D. A.
37 Pine Lane
Barnstable, MA. 20630
508 744-7445

From: [Britta Santamauro \(santamaurob@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Monday, May 1, 2023 5:57:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Please protect the horseshoe crab population.

I urge you to adopt the regulations and go further and ban the harvest through June 30th!
Please this is only common sense!

Thank you.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Britta Santamauro
265 Main Street
Mashpee, MA 02649
santamaurob@gmail.com
(203) 444-4033

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Pat Kelley \(kelleypt@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Monday, May 1, 2023 4:26:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Pat Kelley
20 Shore Rd
West Harwich, MA 02671
kelleypt@gmail.com
(508) 432-5777

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Keith Lewison \(keith.lewison@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Monday, May 1, 2023 11:31:17 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Currently horseshoe crabs are being treated like a throw away species, i.e. trash. MA regulators need to step and do better for this species and our coastal ecosystems. Our state regulations should at least as strong as other East coast states. Breeding horseshoe crabs need our help.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Keith Lewison
17 Windswept Dr
Sandwich, MA 02563
keith.lewison@gmail.com
(508) 274-3541

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Hannah O'Neal \(hannahserilda@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Monday, May 1, 2023 10:45:34 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

I don't think anyone truly wants to permanently harm horseshoe crabs because they're important to many groups for many different reasons. However, short-term monetary gain has a tendency to make people act against their more long-term, big-picture needs. This is why regulation is so important. Massachusetts has a means to help protect the horseshoe crab from any one group's greed-fueled lapse in judgement. I strongly hope that our state can do what is within their power to protect these important crabs for future generations. Please protect spawning horseshoe crabs.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Hannah O'Neal
45 Perry St
Somerville, MA 02143
hannahserilda@gmail.com
(618) 499-0949

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Janet McGowan \(janetmcgowan30@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Sunday, April 30, 2023 12:06:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

We must act now to help horseshoe crabs.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Janet McGowan
706 S East St
Amherst, MA 01002
janetmcgowan30@comcast.net
(413) 256-8333

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Garry Gleckel \(gleckel@verizon.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Saturday, April 29, 2023 7:19:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Garry Gleckel
185 Main St
Ashby, MA 01431
gleckel@verizon.net
(978) 386-5394

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Deborah Coviello \(mrscoviello@netzero.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Saturday, April 29, 2023 4:54:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Deborah Coviello
27 Colonial Dr
Clinton, MA 01510
mrscoviello@netzero.net
(978) 368-3541

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Alan Berg \(bergmanor@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Friday, April 28, 2023 9:19:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Alan Berg
26 Anne Way
Brewster, MA 02631
bergmanor@comcast.net
(508) 896-2827

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [linda lewison \(llewi25763@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Friday, April 28, 2023 4:02:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

linda lewison
79 Boardley Road, sandwich
Sandwich, MA 02563
llewi25763@aol.com
(508) 428-4335

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Brian Gingras \(briangin54@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Friday, April 28, 2023 2:29:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Brian Gingras
52 Bradford Commons Ln
Braintree, MA 02184
briangin54@comcast.net
(781) 356-0402

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Susan Wyoral \(swyoral@att.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Friday, April 28, 2023 11:12:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Having seen the decline of the Horseshoe Crab numbers on Duxbury, MA Bay beaches within the last 20 years it scares me that we're wiping out a species. If these simple, but important changes can be instrumented it will insure a continued viable population level

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Susan Wyoral
66 Heritage Ln
Duxbury, MA 02332
swyoral@att.net
(781) 934-9764

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Kenneth Reeves \(ken_reeves@hotmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Friday, April 28, 2023 10:10:51 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Kenneth Reeves
69 Border Rd
Concord, MA 01742
ken_reeves@hotmail.com
(978) 369-0262

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Nancy Putnam \(magicbalsam@yahoo.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Friday, April 28, 2023 7:10:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Nancy Putnam
77 Hastings Pond Rd
Warwick, MA 01378
magicbalsam@yahoo.com
(413) 627-1053

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [David Wise \(davewise100@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 11:19:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

David Wise
5 Brooks Rd
Rockport, MA 01966
davewise100@gmail.com
(978) 546-7395

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Cindy Zylkuski Norris \(czylkuskinorris@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 11:07:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Cindy Zylkuski Norris
1016 Boston Rd
Haverhill, MA 01835
czylkuskinorris@gmail.com
(978) 374-1274

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Kim Goslant \(khgoslant@mac.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 11:07:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Kim Goslant
21 Carver Street
Kim, MA 02138
khgoslant@mac.com
(617) 576-3294

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Catherine Hafey \(earthkeeper999@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 11:02:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Catherine Hafey
PO Box 324
Ashfield, MA 01330
earthkeeper999@gmail.com
(413) 923-8607

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Rose Auslander \(rauslander2@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 10:18:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

I live in Hyannis, and we hardly see any horseshoe crabs here anymore. Please provide the necessary protection before it's too late, thank you.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Rose Auslander
30 W Main St Apt 7
Hyannis, MA 02601
rauslander2@aol.com
(917) 554-7306

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Maryann Pappanikou \(mannpap@hotmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 10:02:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

We need to protect these creatures. When I was a kid spending summers on the Cape horseshoe crabs were abundant. That was 60+ years ago. Now you can hardly find any, thanks to biomedical harvesting. They are very important to the biomedical research industries, but even more important to the shorebirds. Please protect them while they are spawning.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Maryann Pappanikou
118 Loring Rd
Weston, MA 02493
mannpap@hotmail.com
(781) 891-8035

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Janna Giacoppo \(jmgiacoppo@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 9:49:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Janna Giacoppo
62 Villagewood Dr
Burlington, MA 01803
jmgiacoppo@gmail.com
(323) 682-1136

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Elvira Hand \(56redzebra@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 8:05:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Adopting policies that protect all the inhabitants of our planet begins in our back yard. It's time to adopt strong regulations to protect these critters for the greater good. The ban should be imposed from May to June.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Elvira Hand
51 Moonpenny Ln
Chatham, MA 02633
56redzebra@gmail.com
(201) 390-9586

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Jody Nishman \(jodynish@icloud.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 7:57:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Jody Nishman
23 Oneill Rd
Haydenville, MA 01039
jodynish@icloud.com
(413) 268-3828

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Clint Richmond \(crbrookline@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 7:52:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Clint Richmond
3 Greenough Cir
Brookline, MA 02445
crbrookline@aol.com
(617) 738-9434

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Deirdre Riley \(williams_deirdre@yahoo.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 7:34:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Deirdre Riley
31 Pond St
Cohasset, MA 02025
williams_deirdre@yahoo.com
(508) 740-5771

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Celt Grant \(celtcgrant@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 7:27:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

All part of the ecosystem. Have to keep it in balance. Period

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Celt Grant
PO Box 633
Bernardston, MA 01337
celtcgrant@gmail.com
(413) 223-5129

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Howard Shea \(chez44shea@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 7:19:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs are iconic and have rare attributes used in medicine. Pls ok protections

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Howard Shea
2 Strawberry Hill Rd
Natick, MA 01760
chez44shea@aol.com
(508) 651-4703

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Cheryl Minieri \(calico13cm@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 6:53:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Cheryl Minieri
15 Greentree Ln
Byfield, MA 01922
calico13cm@aol.com
(978) 255-1075

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Wendy Fossa \(jwfossa@verizon.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 6:39:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Wendy Fossa
78 Belcher St
Essex, MA 01929
jwfossa@verizon.net
(978) 768-6116

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Katie Maloney \(katiemaloney1985@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 6:20:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Katie Maloney
6 Walnut Ter
Newton, MA 02460
katiemaloney1985@gmail.com
(401) 301-4533

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Allen Altman \(altman@simons-rock.edu\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 6:12:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Allen Altman
PO Box 441
Great Barrington, MA 01230
altman@simons-rock.edu
(413) 229-3461

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Seana Parker-Dalton \(seanaldo@hotmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 6:01:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Seana Parker-Dalton
8 East Ave
Shrewsbury, MA 01545
seanaldo@hotmail.com
(321) 504-1592

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Gale Maynard \(agmaynard@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 5:56:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Gale Maynard
56 Vinton St Apt 3
Melrose, MA 02176
agmaynard@comcast.net
(781) 662-9241

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Anne Rounseville \(annerounseville@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 5:52:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs are one of the oldest species on earth. 445 million years! They have played a vital role to the ecosystem for all these years. We must protect them!

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Anne Rounseville
11 Risley Rd
Chestnut Hill, MA 02467
annerounseville@gmail.com
(617) 232-9186

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [William E Pfeiffer \(wepfeiffer@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 5:49:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

William E Pfeiffer
31 Houston Street
West Roxbury, MA 02132
wepfeiffer@gmail.com
(617) 325-3182

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [John Blanchard \(jhblanchard@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 5:09:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

John Blanchard
81 Pontoosic Rd
Westfield, MA 01085
jhblanchard@comcast.net
(413) 250-1472

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Peter and Ellen Rawlings \(prawlings60@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 5:01:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Peter and Ellen Rawlings
5 Burnham Rd
North Billerica, MA 01862
prawlings60@comcast.net
(978) 667-8132

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [mary clark \(clarkcp@verizon.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 4:45:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

mary clark
25 Tower Hill Rd
North Reading, MA 01864
clarkcp@verizon.net
(978) 664-0086

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Susan Snyder \(poseycosmo@yahoo.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 4:23:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Susan Snyder
PO Box 610
Williamstown, MA 01267
poseycosmo@yahoo.com
(413) 458-2737

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [jussi gamache \(jussi@jussigamache.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 4:22:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

jussi gamache
117 Albion St
Somerville, MA 02144
jussi@jussigamache.com
(617) 555-5555

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Marvin Ward \(marvin.j.ward@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 4:14:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Marvin Ward
15 Cottage St Apt 413
Easthampton, MA 01027
marvin.j.ward@gmail.com
(413) 320-8145

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Dianne Hoaglin \(hoagdj@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:51:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Dianne Hoaglin
73 Hickory Rd
Sudbury, MA 01776
hoagdj@aol.com
(978) 443-3603

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Kelsey Quinlan \(kelseyq27@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:45:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Kelsey Quinlan
108 Cottage St
Norwood, MA 02062
kelseyq27@gmail.com
(508) 208-4071

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [David Miller \(dpmiller1955@outlook.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:41:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

David Miller
93 Mozart St
Jamaica Plain, MA 02130
dpmiller1955@outlook.com
(617) 524-6886

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Grace Diemand \(gden20@msn.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:35:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs are living fossils, a species that is 445 million years old. They are a keystone species. They must be protected and restored and the survival of the species depends on procreation and protection. Ban harvesting during spawning, and also keep harvested levels the rest of the year at levels that will support and sustain horseshoe crab numbers.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Grace Diemand
PO Box 43
Cataumet, MA 02534
gden20@msn.com
(508) 555-5555

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Meghan Watts \(meghan.dowdall@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:35:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Meghan Watts
68 Yale Rd
Pembroke, MA 02359
meghan.dowdall@gmail.com
(617) 785-0358

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Gretel Munroe \(gsmunroe@me.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:30:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs are one of our longest living fossils. and we need them. Migratory birds need them too. We must protect them.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Gretel Munroe
9 Leyden Ave
Medford, MA 02155
gsmunroe@me.com
(781) 391-7578

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Sarah Stewart \(sarahbstewart@yahoo.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:30:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Sarah Stewart
85 Garfield St
Watertown, MA 02472
sarahbstewart@yahoo.com
(617) 876-6735

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Al Maze \(atimeinboston@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:27:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

If only the human race could survive the millions of years that Horseshoe Crabs have... we, probably, won't but let's not take them with us...

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Al Maze
7 Sandwich Rd
Plymouth, MA 02360
atimeinboston@gmail.com
(555) 555-5555

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Chip Fontaine \(chipfontaine@netscape.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:21:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Chip Fontaine
22 Dennison Ave
Framingham, MA 01702
chipfontaine@netscape.net
(508) 875-2611

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Elaine Delaney-Winn \(edelaneywinn@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:14:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Elaine Delaney-Winn
33 Oxford St
Winchester, MA 01890
edelaneywinn@comcast.net
(781) 721-7370

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Michael Merrill \(mjmerill@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:10:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Michael Merrill
36 Bennett St
Hudson, MA 01749
[mjmerill@comcast.net](mailto:mjmerrill@comcast.net)
(978) 567-9017

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Mark Vatosiou \(mvpv88@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 3:02:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Mark Vatosiou
97 Granger Dr
Feeding Hills, MA 01030
mvpv88@comcast.net
(413) 786-5218

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Barbara Bradley \(capebradley@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:48:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Please end the over-harvesting of Horseshoe crabs. Will we ever protect living things in our oceans and bays? The biochemical industry does not need horseshoe crabs. An alternative is available to using the crabs. USE IT!

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Barbara Bradley
PO Box 2274
Brewster, MA 02631
capebradley@aol.com
(877) 455-3445

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Tony Moureilles \(moureilles@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:46:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Tony Moureilles
9 Vernon St
Plymouth, MA 02360
moureilles@gmail.com
(617) 223-1117

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Jonathan Kennedy \(j.hohl.kennedy@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:44:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Jonathan Kennedy
43 Taylor Hill Rd
Montague, MA 01351
j.hohl.kennedy@gmail.com
(413) 367-0001

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Betty Krikorian \(linnbet@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:35:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

As an elder, I support protecting another elder species, horseshoe crabs. They have been a key species along our shores for eons.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Betty Krikorian
73 Edgemoor Rd
Belmont, MA 02478
linnbet@aol.com
(617) 484-8132

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Chris Yip \(cyp787@bu.edu\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:31:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs are an incredibly important resource for our medical industry. We must take steps to ensure that they are a protected species while allowing sustainable harvesting for medical uses.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Chris Yip
815 Albany St Apt 404
Boston, MA 02119
cyp787@bu.edu
(408) 663-7460

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [David Cirka \(dcirka@live.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:23:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Please protect this ancient species from over harvesting.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

David Cirka
153 Chace St
Clinton, MA 01510
dcirka@live.com
(603) 493-2979

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Patricia Wolongevicz \(wolo102@aol.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:21:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Patricia Wolongevicz
102 Read Dr
Hanover, MA 02339
wolo102@aol.com
(555) 555-5555

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Ann Walsh \(theamwalsh@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:18:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

I support the scientific breakthroughs of our biomedical researchers, but we need to balance those interests with the health of our ecosystems and planet. Please take this modest step! Thank you.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Ann Walsh
8 Butler St
Dorchester, MA 02124
theamwalsh@gmail.com
(617) 615-8094

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Erin Haugh \(erin_gillen@hotmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:17:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Erin Haugh
15 Grist Mill Ln
Hampden, MA 01036
erin_gillen@hotmail.com
(413) 566-1191

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Douglas Renick \(douglas.renick@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:15:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Thanks for taking this action to protect horseshoe crabs!

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Douglas Renick
105 Black Birch Trl
Florence, MA 01062
douglas.renick@gmail.com
(413) 320-1002

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Gabi Loeffler \(gabi@loeffler-usa.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:14:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Please protect endangered species and keep natural habitats intact.

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Gabi Loeffler
4 High St
Westborough, MA 01581
gabi@loeffler-usa.net
(508) 870-7209

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Carole Smudin \(luvs2compost@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:14:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Carole Smudin
PO Box 123
Bridgewater, MA 02324
luvs2compost@comcast.net
(508) 678-8910

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Glenn Billingsley \(glenn.billingsley@comcast.net\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:13:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Glenn Billingsley
40 Georgia Ave
Lowell, MA 01851
glenn.billingsley@comcast.net
(617) 905-4760

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Linda Spicer \(lspicer@jri.org\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:04:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Linda Spicer
305 Lincoln St
Revere, MA 02151
lspicer@jri.org
(617) 519-9619

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Julie fisher \(odarius58@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:04:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Julie fisher
26 Dodge Rd
Hawley, MA 01339
odarius58@gmail.com
(413) 625-0124

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Shelley Hartz \(shelleyhartz@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Thursday, April 27, 2023 2:02:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Shelley Hartz
7 Baron Way
Littleton, MA 01460
shelleyhartz@gmail.com
(978) 580-1342

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Mary Driscoll \(mayrvo@gmail.com\) Sent You a Personal Message](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt proposed regulations related to Commercial Horseshoe Crab Management (322 CMR 6.34, 7.01, and 7.04)
Date: Monday, May 1, 2023 6:17:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

As a kid here on the Cape 50+ years ago we learned to love this unique creature, the horseshoe crab (except when we stepped on their tails while running thru the shallows of low tide on West Dennis Beach!). Since moving here full time in 2002 and spending more time on the beaches in all seasons I've been alarmed at how many fewer live horseshoe crabs I see.

They have managed to survive well over a hundred million years. We must not be the cause of the extinction of these living fossils. Please work toward banning harvest of horseshoe crabs.

Thank you,
Mary Driscoll

Horseshoe crabs play an important ecological role in Massachusetts, and I support adopting proposed regulations to protect spawning crabs. Additionally, I hope the state will go further to ban harvesting through June 30 and phase out the bait harvest altogether as has been done in other states.

If we want to protect the longevity of the species, as well as the migratory shorebird populations who count on the crabs as a food source, we must protect spawning horseshoe crabs in Massachusetts.

Sincerely,

Mary Driscoll
PO Box 494
West Dennis, MA 02670
mayrvo@gmail.com
(508) 619-2777

This message was sent by KnowWho, as a service provider, on behalf of an individual associated with Sierra Club. If you need more information, please contact Lillian Miller at Sierra Club at core.help@sierraclub.org or (415) 977-5500.

From: [Sharon Kreamer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please adopt the proposed new regulations protecting spawning horseshoe crabs in Massachusetts
Date: Sunday, April 30, 2023 2:28:52 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I support the conservation measures in the Proposal to Adjust Commercial Horseshoe Crab Limits and am emailing you to ask that you not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but that you take the step to go even further in protecting this vital member of our marine ecosystem by

- Extending the harvest ban to at least June 15 as was originally petitioned
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery

Sincerely.

Sharon W. Kreamer

--

Sharon W. Kreamer
Biology and Chemistry Teacher, Science Department Chair
Falmouth Academy
7 Highfield Drive, Falmouth, MA 02540

From: [Susan Wilson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please end the harvesting
Date: Thursday, April 27, 2023 10:34:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

End horse shoe crab harvesting. Now.
Susan

Sent from my iPhone

From: [Mass Audubon](#) on behalf of [Ryan Roche](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please Limit Horseshoe Crab Harvests
Date: Tuesday, April 18, 2023 2:43:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I live in Dorchester and stay at a campground in Truro for the summer. I love Massachusetts' clean, public beaches and shorelines, which are only possible to protect with regulations.

Please take strong action to severely restrict industrial, commercial, and non-Indigenous personal harvesting of horseshoe crabs from our shores. Our natural resources are worth protecting, and the public deserves to know that our state cares more about protecting them than helping people destroy them for a quick buck.

Thank you,
Ryan Roche
12 Centre Ave #3
Dorchester Center MA 02124

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Ryan Roche
12 Centre Ave # 3
Boston, MA 02124
(203) 645-8388
ryan.roche86@gmail.com

From: [Sarah James](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please protect horseshoe crabs!
Date: Monday, May 1, 2023 4:09:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please pass rules that better protect horse shoe crabs!

Sarah James
Cogswell Ave
Cambridge MA

Sent from my iPhone

From: [Kathy O'Donnell-Bustin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please protect horseshoe crabs
Date: Thursday, April 20, 2023 3:52:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

- 1. PLEASE protect spawning horseshoe crabs from all forms of harvest (bait and biomedical). This is a common sense practice to maintain a good population of horseshoe crabs.*
- 2. PLEASE consider the food needs of migratory shore birds when setting regulations for horseshoe crab fishing.*
- 3. PLEASE consider ending the BAIT harvest of horseshoe crabs. Because horseshoe crabs are used as bait in the whelk fishery, and the whelk fishery is formally classified as "overfished" by DMF, it can be recognized that REDUCING the bait for the overfished whelk fishery makes common sense.*

Thank you,

Kathy O'Donnell-Bustin
QA Engineer II
Map (B2B) Quality Assurance
TraceLink
m: +1 978 826-0820

From: [Mass Audubon](#) on behalf of [Amy Gibbons](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please protect our horseshoe crabs!
Date: Monday, May 1, 2023 11:18:13 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amy Gibbons
34 Olive Street
Newburyport, MA 01950-2338
(978) 238-8131
tangerinesparks@gmail.com

From: [Mass Audubon](#) on behalf of [Maria Grigoriadis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Maria Grigoriadis
112 Upham St
Melrose, MA 02176
(617) 821-5776
zora2222@yahoo.com

From: [Mass Audubon](#) on behalf of [John Koza](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please support horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am a Mass. licensed hunter and fisherman. In regard to horseshoe crabs, Massachusetts is overdue for updates to harvesting regulations, as all populations of this important species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit, especially in light of Biomedical harvest on Cape Cod, which has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since federally and state listed shorebird species depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Koza
449 Elliott St.
Beverly, MA 01915-2330
(978) 927-7054
jfkoza@gmail.com

From: [Mass Audubon](#) on behalf of [Allan Johannesen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please support horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Allan Johannesen
4 Carleton Road
Rochdale, MA 01542-1144
(508) 847-5274
aejohannesen@gmail.com

From: [Mass Audubon](#) on behalf of [Elizabeth Townsend](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please support horseshoe crab protection measures
Date: Thursday, April 27, 2023 4:15:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Dear Director McKiernan,

Horseshoe crabs are amazing creatures and should be protected. They have existed for millions of years and we should safeguard their continued existence.

The Commonwealth of Massachusetts is overdue for updates to horseshoe crab harvesting regulations especially since local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Please take care of these remarkable creatures by updating and increasing regulations to protect them.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Elizabeth Townsend
208 S. Great Road
Lincoln, MA 01773
(781) 259-2136
btownsend@massaudubon.org

From: [Mass Audubon](#) on behalf of [Antonie Chute](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please support horseshoe crabs
Date: Sunday, April 30, 2023 12:21:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

It's so sad to see boxes of horseshoe crabs slowly dying in the heat at the dock. There are other bait options that are sustainable. These animals are amazing, an important part of the Massachusetts marine ecosystem, and there are so few left! Please help manage their harvest!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Antonie Chute
Sam Turner Road
East Falmouth, MA 02536
(508) 564-4272
antoniechute@gmail.com

From: [Carol Jelinek](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please Support Our Horseshoe Crabs!
Date: Saturday, April 22, 2023 3:25:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Marine Fisheries representatives,

As a full time Brewster resident, I urge you to support the proposed regulations to protect horseshoe crabs from being harvested during their spawning periods. If your goal is to have an ongoing harvest of them, it doesn't make sense to collect horseshoe crabs at a time when they will be laying eggs and creating more crabs. Instead, it's a sure way to move them toward the endangered species list.

The horseshoe crab is just one part of the Cape Cod nature cycle, providing food for migratory shorebirds. They also provide an important role in attracting tourists that support our economy and are considered an integral member of our aquatic novelties. Many visitors have fond memories of the horseshoe crabs swimming in the bays or gliding past when they were clamming as children. They already see fewer and fewer of the crabs as they play in our waters with their own children. Please help keep the horseshoe crabs a healthy, thriving part of our Cape Cod waters.

These new regulations would help Massachusetts take a big step toward being a leader in fisheries management, an important part of our state's economy. I would appreciate you seriously considering eliminating the harvest of horseshoe crabs for bait altogether and limiting the collection of female horseshoe crabs for medical purposes through at least May 31st each year.

Thank you,

Carol B. Jelinek
74 Brier Lane
Brewster, MA 02631
218-428-4188

From: [Dean Hively](#)
To: [Fish, Marine \(FWE\)](#)
Subject: please support restrictions on horseshoe crab harvest
Date: Thursday, April 20, 2023 4:10:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hello. I am writing to support your proposed limits on harvest of horseshoe crabs for bait or medical purposes prior to May 1. The species is of great importance to local ecosystems, including migratory shorebirds, and it is clearly losing its presence due to overharvest. We see many fewer on cape cod shores than even a decade ago. Please help to sustain the horseshoe population as aggressively as possible. More important than whelk bait.

Thank you

Dean Hively
121 Camp Street, West Yarmouth.

From: [Heather Hill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please support strengthening protections for horseshoe crabs
Date: Sunday, April 9, 2023 2:31:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Massachusetts currently has the weakest protection for horseshoe crabs on the Atlantic coast. This critical species is threatened by bait harvesting and biomedical bleeding processes. These practices need to be severely curtailed. Whelk are also severely overfished, which is what horseshoe crab bait is used for. Both species urgently need stronger protection.

Thank you
Heather Hill
6 Prides path
Orleans MA 02653

Sent from my iPhone

From: [Mass Audubon](#) on behalf of [Jennifer King](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Please! Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jennifer King
50 Linden Dr
Orleans, MA 02653
(508) 255-3427
jenniferspring2016@yahoo.com

From: [Charlotte Ray](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Preserving Horseshoe Crabs
Date: Monday, May 1, 2023 4:48:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

Extending the harvest ban to at least June 15 as was originally petitioned.

Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

-- c.ray :)

From: [joan pierce](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Proposed changes to Horseshoe Crab Regulations - prohibitions on harvest between January 1 thru May 31, every year, starting in 2024
Date: Monday, May 1, 2023 6:33:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Division of Marine Fisheries:

I am writing in support of changing the current regulations pertaining to harvest of Horseshoe Crabs to prohibit all harvest between January 1 and May 31 each year, to become effective in 2024.

I am also writing to thank you for proposing such a change.

Additionally, I am concerned, as are others, about mortality of horseshoe crabs after being bled. While the estimate for said mortality is 15% overall, no one has ever said this is an acceptable level of death or that with even reasonable changes in the practices of how horseshoe crabs are handled - from harvest to release back to salt water - this statistic cannot be lower.

Horseshoe crabs are worth their weight in gold. Not their weight as bait. US medical industry depends exclusively on these animals for safety testing.

I will reserve further comment on the mortality issue until the appropriate time,

Please adopt as a permanent change to the regulation the prohibition on harvest of horseshoe crabs from January 1 thru May 31, every year.

Thank you very much.

Joan Pierce, concerned citizen
75 Willow Ave.
Quincy, MA

From: [Nancy Blosser](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Proposed Horseshoe Crab Fishery Regulations
Date: Sunday, April 30, 2023 9:26:08 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. McKiernan,

I appreciate the steps you are taking to protect our Massachusetts horseshoe crab population, and I support the proposed changes below, but I encourage you to add that horseshoe crabs may not be taken for biomedical or for any other purposes until after the end of June. Or at the very least, not until June 15.

I also encourage you to add a requirement that those using the horseshoe crabs for biomedical purposes would need to protect them from heat exposures during transport to the lab, and keep them only overnight in tanks of cool, food-rich seawater before they are bled. (See, for example, <https://www.nationalgeographic.com/animals/article/horseshoe>)

I encourage you to promulgate regulations that require Charles River Labs, the biggest biomedical bleeding company of horseshoe crabs in the world, and other Massachusetts-based labs, like Associates of Cape Cod, for example, to shift to using recombinant factor C ("rFC"). Jay Bolden's research for Eli Lilly demonstrates that rFC is equivalent to or better than limulus amebocyte lysate, and more reliable.
([https://urldefense.com/v3/https://www.nytimes.com/2023/02/16/opinion/drug-safety-horseshoe-crab.html__!!CPANwP4y!U5XEhq28nq9GZ415Tnm1qpONW9PnR5SwbZHgduUzs2tXTid0xygaMwq6DypDDO6X62VFtCz_5Kxt8GLw4u4bzws1b78\\$](https://urldefense.com/v3/https://www.nytimes.com/2023/02/16/opinion/drug-safety-horseshoe-crab.html__!!CPANwP4y!U5XEhq28nq9GZ415Tnm1qpONW9PnR5SwbZHgduUzs2tXTid0xygaMwq6DypDDO6X62VFtCz_5Kxt8GLw4u4bzws1b78$))

In addition, I recommend we place a moratorium on harvesting female horseshoe crabs altogether, given that it takes a female horseshoe crab about 10 years to reach reproductive maturity, and that when she finally does lay thousands and thousands of eggs in a spawning season only a few of them will survive.

Finally, I encourage you to nudge us toward ceasing to use horseshoe crabs as bait.

Thank you for thoughtfully considering my recommendations,

Nancy Truitt-Blosser
Nancytruittblosser@mac.com

https://www.mass.gov/files/documents/2023/03/31/PHN_DMFE%20Com%20Regs%202023_Advisory.pdf

Sent from my iPhone

From: [Judith Bruce](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Proposed Horseshoe Crab Protection Regulations
Date: Sunday, April 30, 2023 2:23:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

On behalf of Orleans Marine and Fresh Water Quality Committee, I submit the following comments regarding your proposed horseshoe crab protection regulations:

Department of Marine Fisheries
Commonwealth of Massachusetts

April 26, 2023

Dear DMF Professionals,

The Orleans Marine and Fresh Water Quality Committee urges you to revise your regulations to ban all harvesting of horseshoe crabs for bait fishery or biomedical "bleeding" throughout the spawning season (January through May). Orleans has three estuary systems which support horseshoe crabs: Cape Cod Bay, Nauset Estuaries, Pleasant Bay.

The horseshoe crab has survived for millions of years but is now seriously threatened due to over-harvesting for use as bait in the whelk and eel fisheries and due to biomedical harvesting involving catch/bleed/release but with up to a 30% mortality rate. In Pleasant Bay where harvesting for bait is banned but biomedical harvesting allowed, the male to female ratio is now 9:1. Other states have banned the harvesting of large females in order to help restore the population. Massachusetts should seriously consider this restriction as well. But at a minimum, no harvesting should be allowed from January through May.

The horseshoe crab deserves protection as a key player in the entire ecosystem. The Red Knot population is dependent upon rich horseshoe crab eggs to provide the nutrients needed to fuel their long and arduous migration. Their population is crashing due to the decreased numbers of horseshoe crabs. DMF long ago recognized the key role river herring play in the fin fish food web and for several years has banned the harvest of river herring. This same protection should be applied to horseshoe crabs before it is too late. These minimal protections must be adopted.

Thank you.

Sincerely,

Marine and Fresh Water Quality Committee

Judith Bruce

Carol Etzold

Ed Hafner

Rich Levy

Carolyn Kennedy

Valerie May

Robert Mullin

Judy Scanlon, Chair

From: [Paul Ward](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Proposed Horseshoe Crab Regulations
Date: Monday, May 1, 2023 6:12:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director McKiernan,

I'm a Board Member of the Horseshoe Crab Conservation Association (HCCA), a group dedicated to promoting horseshoe crab conservation in Massachusetts. In 2009, the HCCA petitioned the DMF to enact regulations intended to protect crabs from overharvesting. However, the protections enacted then (lunar closures) have proven not to be strong enough. The population has not recovered.

Our current petition asks that the harvesting season open on June 15, to allow the horseshoe crabs to complete their spawning before being harvested. The proposed rule change aligns with current harvest moratoria and post-spawning start dates in New Jersey, Delaware, Maryland, and Virginia. The abundant spawning activity and successful population on the Monomoy National Wildlife Refuge, where no harvest is allowed, provides a strong indication of the expected results if this rule change is implemented. Moreover, the Monomoy population likely feeds Nantucket Sound and may explain the small uptick in recent trawl survey data.

This rule change will provide maximum benefit to the crab populations while having minimal impact on the bait and biomedical industries. DMF trawl survey data for Nantucket Sound supports that commercial fisheries will not be harmed by this change. Since horseshoe crabs harvested for bait are often frozen, collection following a June 15 start date will have minimal impact on bait availability.

This rule change will, over time, rebuild the diminished stock and ensure the sustainability of horseshoe crabs for all future stakeholders.

Horseshoe crabs are a public asset and have economic value for biomedical stakeholders and fisheries stakeholders. Just as important, horseshoe crabs have intrinsic value as an essential part of our history and as a distinct part of Massachusetts' natural and cultural heritage. A more robust horseshoe crab population will support endangered birds and various marine species that depend on horseshoe crab eggs and juveniles for food.

This rule change recognizes that horseshoe crab spawning is not rigidly linked to the lunar cycle but is moderated by weather and will occur throughout the spawning season. As stated above, after 12 years of lunar closures there has been no consistent sign of improved spawning data.

Finally, bait species should be abundant and quick to reproduce. Horseshoe crabs are neither which makes spawning protection even more imperative. Please protect horseshoe crabs during their entire spawning season!

Thank You,

Paul Ward
22 Goldenrod Lane
Barnstable, MA 02632

From: [Randy Buckner](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Proposed Modifications to Horseshoe Crab Regulations
Date: Tuesday, April 18, 2023 4:47:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Director Daniel McKiernan
Division of Marine Fisheries (DMF)

Dear Director McKiernan:

I am writing to express my great concern about the future of Horseshoe Crabs in Massachusetts and to register my request to please put better measures in place to protect them going forward.

DMF's current management scheme is outdated and in serious need of revision. I understand that the agency recently sent a memo to the Marine Fisheries Advisory Commission with changes to Commercial Horseshoe Crab limits for 2023.

I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing fishery to the detriment of another very important species, the Horseshoe Crab.

To ensure the survival of Horseshoe Crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one. Horseshoe Crabs deserve a lot more attention and respect than they are currently receiving. I sincerely hope that your organization will work hard to protect the Horseshoe Crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue.

Randall Buckner
650 Cedar Street
W. Barnstable, MA 02668

From: [Brian Harrington](#)
To: [Fish, Marine \(FWE\)](#); [Susan Moran](#); [Mathew Muratore](#)
Subject: Proposed Regulatory Amendments, specifically those concerned with hand-harvesting of Horseshoe Crabs
Date: Wednesday, April 26, 2023 11:02:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To: Daniel McKiernan, Director
Mass. Div. of Marine Fisheries
251 Causeway St., Suite 4000
Boston, MA 02114

From: Brian Harrington, 205 Valley Rd., Plymouth, MA (Brian.harrington205@gmail.com)

Statement: I am a biologist who has been working with shorebirds and their migrations throughout the Western Hemisphere, including research since 1980 on their relationship to horseshoe crabs in Delaware Bay. That said, no one needs an accomplished biologist to argue that it is bad management to permit harvesting of any wild animal at the critical life stage when and where they are laying eggs.

Thank you for fostering the recent DMF hearing in Plymouth. I heard several hand-harvesters lamenting that new regulations were unfair to them and to their occupations. This argument puts the DMF in a position of judging whether to allow a small number of people to profit from a practice that is particularly damaging to a plan for managing a stressed and important natural resource. It makes no biological sense and is a bad management practice to allow harvests of an animal at their breeding places. The DMF should not allow any such practice.

I urge the DMF to enforce a more sensible management plan for horseshoe crabs. As a first step, this should include working towards eliminating permits for hand-harvesting of them. Reducing the hand-catch of females anywhere near their breeding places is a first step, but I urge the DMF to work towards entire closure of permits for hand-harvests of breeding horseshoe crabs within the next 5 years; this is a practice that makes no biological or management sense.

Thank you for your consideration.

From: [Betsy Smith](#)
To: [Fish, Marine \(FWE\)](#)
Cc: [Betsy Smith](#)
Subject: Protect Horseshoe Crabs
Date: Tuesday, April 11, 2023 9:46:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To Whom It May Concern:

Living in Brewster, we have always been fascinated by the horseshoe crabs that we see on our beaches. Please protect them by forbidding their use as bait. I understand that they play a role in biomedical research which does not harm them, but I am in favor of the regulations that would limit their harvesting through May 31 of each year, during spawning season.

Thank you for being open to managing horseshoe crabs so that I can continue to bring my grandchildren to the beach and have them marvel along with me at these strange-looking but wonderful creatures.

Sincerely,
Betsy Smith
105 Eastgate Road
Brewster, MA 02631

From: [Charles Johnson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Protect the Horseshoe Crab, NOW
Date: Saturday, April 29, 2023 8:15:21 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan:

It is essential that here in Massachusetts we wake up and begin protecting the incredibly important horseshoe crab. As a 67 year old lifetime coastal resident and someone who has worked in the shellfish aquaculture business (oysters and quahogs), I have seen the reckless and careless way we have treated them over the decades. It seems every year there are less and less horseshoe crabs on our shores during the spawning season. They and their eggs are a vitally important food source to shore birds, migratory birds, turtles, fish and uncountable other marine species. They are invaluable to us still as a biomedical tool to keep us safe. They are a part of the marine ecosystem that we still don't fully understand. Given their importance, WHY are they still indiscriminately trapped for a cheap source of bait for the niche whelk fishery? Is it because they are not a direct food source for the commercially important food/game fish (as the river herring are to the striped bass)???

I cannot express my concern deeply enough. They need to be listed as a species of special concern. And at the very least the females need to be protected during the spawning season as we protect lobsters and crabs (like the egg-bearing lobsters and blue crabs). Horseshoe crabs are not able to reproduce until almost 10 years old (and some longer). The data needs to continually be gathered to assess their numbers and the impact of protecting them will incur. Data needs to be gathered on the species that benefit from their presence. This is not an impossible problem with no solution. We can actually affect change for these animals and ecosystems and other living things that they sustain.

Please do what's right, protect the horseshoe crab!

Sincerely,
Charles R. Johnson
Brewster, Massachusetts

From: [Joanna](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Protect the horseshoe crabs
Date: Monday, April 24, 2023 8:39:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:

Daniel McKiernan, Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th.

In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Thank you for your help to protect the horseshoe crabs!

Sincerely,
Joanna Ward
Centerville, MA



[Sent from the all new AOL app for iOS](#)

From: [Victor L Kim](#)
To: [Fish, Marine \(FWE\)](#)
Subject: PROTECTING HORSESHOE CRABS
Date: Saturday, April 29, 2023 10:40:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To Mr. Daniel McKiernan
Director of Ma. Division of Marine Fisheries

Dear Mr. McKiernan:

Please consider fully protecting horseshoe crabs during their spawning season from April 15th through June 30th.

In addition I urge you to eliminate using horseshoe crabs as bait for eel whelk harvesting.

I am sure you know as do many others that horseshoe crab blood has been so valuable to medical science so far.

Horseshoe crabs are not extinct yet but they have become "vulnerable" so what you can do to help save them will be most appreciated.

Sincerely,

Victor L. Kim
Lt. Colonel of Armor
United States Army, retired

Pocasset, Massachusetts

From: [Andrea Malloch](#)
To: [Fish, Marine \(FWE\)](#)
Subject: protecting horseshoe crabs
Date: Sunday, April 23, 2023 9:38:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention:
Daniel McKiernan
Director of MA Division of Marine Fisheries

Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th

In addition I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting.

Your name,
Andrea Malloch-Swidorski

Sent from my iPhone

From: [Mia Mathger Jones](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Protecting our horseshoe crabs
Date: Monday, May 1, 2023 11:53:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Mia Mathger Jones

--

Thank you
Mia Mathger Jones
Class 2028

From: [Ann Fleck-Henderson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Protecting the horseshoe crabs
Date: Thursday, April 20, 2023 7:36:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I would like to add my voice to those advocating for more protections for horseshoe crabs in Pleasant Bay and other Cape Cod waters. I support limits on harvesting for biomedical purposes and an end to harvesting for bait.

Thank you
Ann Fleck-Henderson
South Orleans.

From: [Sandy Selesky](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Protection for Horseshoe Crabs
Date: Thursday, April 13, 2023 11:05:24 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. McKiernan,

I just read an article about the sad plight of Horseshoe Crabs. I am very concerned about their future. I hope you can change your management plans for them so that any MA harvesting numbers by fishermen are greatly reduced. I also hope that new laws can be enacted and enforced to eliminate any harvesting of these crabs for commercial bait and also for biomedical purposes.

Thank you for any help you can provide and for your attention to this serious matter.

Sincerely

Sandy Selesky
15 Bradley Lane
Westford, MA 01886
sandyselesky@gmail.com

From: [Andrew Single](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Protections for Spawning Horseshoe Crabs
Date: Tuesday, April 11, 2023 1:56:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To whom it may concern,

My name is Andrew Single and I am writing to express my support for the proposed protections for spawning horseshoe crabs in the state.

Horseshoe crab eggs are an invaluable source of energy for migratory shorebirds passing through the region, such as the federally threatened Red knot, and these birds need this energy not only to make their migrations but to also set up and defend territory upon arrival. Protections for spawning crabs not only support the continued survival of the crabs but also of these sensitive migrants.

As a conservationist in the state I am proud of our tradition of protecting our natural heritage and hope to see these proposed protections pushed through, potentially even expanded to phase out bait harvesting altogether. I hope that our actions today help to ensure these organisms are around for future generations to enjoy, and as a source of inspiration for future conservationists.

Thank you for your continued work to protect the natural resources of Massachusetts.

Sincerely,
Andrew Single

From: [Paul Duffy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Public Comment on Future of Horseshoe Crabs
Date: Saturday, April 15, 2023 4:03:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To Daniel McKiernan, Director -

I am writing to express my great concern about the future of horseshoe crabs in Massachusetts, and to register my request to please put better measures in place to protect them going forward.

DMF's current management scheme for the species is outdated and in serious need of revision. The agency recently sent a memo to the Marine Fisheries Advisory Commission with recommended changes to Commercial Horseshoe Crab limits for 2023. I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters.. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing industry to the detriment of another very important species, the horseshoe crab.

To ensure the survival of horseshoe crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one, and is also an ancient species that deserves a lot more attention and respect than it is currently receiving. I sincerely hope that your organization will work hard to protect the horseshoe crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue.

Regards,
Paul Duffy
Mattapoisett MA

From: [Paula Boutin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Public Comment on Future of Horseshoe Crabs
Date: Monday, April 24, 2023 5:54:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To Daniel McKiernan, Director

I am writing to express my great concern about the future of horseshoe crabs in Massachusetts. Thank you for the current regulations and proposed changes to help the horseshoe crabs.

I support modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait; since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing industry to the detriment of another very important species, the horseshoe crab.

I was astounded to read in your attachments that there were 175,000 landings, when I have not seen a horseshoe crab in the past few years. But, I did see crates of quartered horseshoe crabs being loaded on a fishing boat at the boat ramp in Wareham. I asked the fisherman "is this legal?!" and was sorry to hear that it is.

Paula Boutin
Wareham, MA

From: [Pamela Wolf](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Public Comment, Proposed Regulatory Amendments for Commercial Menhaden, Summer Flounder, Horseshoe Crab, and Groundfish Management
Date: Monday, April 17, 2023 10:56:20 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Director Daniel McKieran:

The comments below are regarding the horseshoe crab rule changes that have been proposed under the provisions of G.L. c. 30A and pursuant to the authority found at G.L. c. 130 §§ 17A, 21, 80 and 104.

Horseshoe crabs are special to me. I recall seeing them throughout my youth on the beaches I grew up on. Sadly I see very few now and had not had much understanding of why until very recently. The use of horseshoe crab blood in the biomedical industry is understandably important, but seeing the decline in so many marine species, I believe we should do more to protect horseshoe crabs.

A couple of items I put forth for consideration are:

Not allowing harvest of female horseshoe crabs (this is done with lobsters already).

Extending the non-harvest period from January 1 until June 30 (rather than May 31) which would include all of the spawning period for this species.

Not permitting harvest of horseshoe crabs as a baitfish at all. Conch is a species in serious decline and using horseshoe crabs as bait does not make logical sense as it hurts both the horseshoe crab population and the conch population as well.

I visit the Cape often and hope that actions are taken to enhance and protect the unique and vibrant ecosystems that have historically existed there.

Thank you,

Pamela Wolf

From: [Bob Volpe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Public Comment; Proposal to Adjust Commercial Horseshoe Crab Limits for 2023
Date: Wednesday, April 12, 2023 8:36:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

My comments on the proposed rulemaking; Proposal to Adjust Commercial Horseshoe Crab Limits for 2023

Permitting - I support the permitting proposal.

Conservation - I find your conservation inadequate for the restoration of horseshoe crabs to my desired level 90% of pre-bounty, pre-commercial harvest & bleeding population. Harvesting for bait should be banished. I feel strongly that the population should be restored to this 90% level and that bleeding takes should only be permitted providing the local populations don't dip below 90% of the "pre" level. Bleeding should only be allowed on male crabs, and since there is incidental take associated with bleeding, it should be allowed as long as the population of males is trending upwards. This would incentivize bleeders to take better care of their catches.

Bait Fishery Trip Limits – See conservation!

Reporting – I support the reporting proposal.

Permit Conditions – I find this too ambiguous for intelligent comment.

Regards, Bob V

From: [molly richardson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: re Atlantic Horseshoe Crab Proposed regulatory changes
Date: Wednesday, April 19, 2023 1:32:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I support MA being more protective of this species and the new regulations. MA should not lag behind other east coast states in protecting the horseshoe crabs.

Thank you.

Mary Ellen Richardson
Cummaquid, MA 02637

Molly Richardson
415 519-5732 (c)

From: [Carol Amato](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Re: The proposed regulation amendments for horseshoe crab management for the public hearings
Date: Thursday, April 13, 2023 10:28:54 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

To: Daniel McKiernan, Director
Massachusetts Division of Marine Fisheries
April 11, 2023

Dear Mr. McKiernan,

In 2020, you were interviewed by Doreen Leggett and Seth Rolbein for the Fisherman's Alliance and a subsequent article was posted: Q&A With Dan McKiernan, June 24, 2020. In that very comprehensive article, you said when questioned:

Q: "You sit at an interesting nexus. In one way your responsibility is to support the fishing community, but you also represent the public at large and resource protection. Is there a tension there?"

DM: "Yes, that is absolutely true. When we talk about sustainability we are talking about levels of exploitation of a natural resource. The key is to create rules that allow stocks to recover from whatever fishing happens annually. All these stocks rise and fall depending on different environmental factors and that's where the challenge comes, to try and manage to prevent stocks from going to critically low levels, while at the same time keep people employed and people fed. It is an amazing and challenging nexus of those two mandates, but that's what we do." This, an excerpt from a much longer article.

Now, in 2023 (as in much earlier years) we are also discussing an ocean species (neither fish nor shellfish) that may be facing those critically low levels you spoke about: the horseshoe crab.

My name is Carol Amato and I'm a resident of Boston and Brewster, MA. I developed and provided classroom programs (and at NE Aquarium and nature centers) via my Let's Find Out program, focusing on threatened species and those of concern, including the horseshoe crab. I also wrote ten books (The Young Reader's Series – Barron's Educational Series, Inc.) about many of these species. I am a member of the Horseshoe Crab Recovery Coalition and the Massachusetts Horseshoe Crab Recovery Coalition.

This letter to you is a historical perspective about my own observations over a period of many years. Please bear with me!

For years (since the early 1990's) I've been involved with conservation efforts concerning the HSC in a number of ways: I volunteered with tagging and other activities at WB and presented HSC programs at the HSC Festivals; was a member of the HSC Conservation Association; wrote letters to the DMF and ASMFC concerning harvesting regs, etc. In later years, Paul Diodati and I had several spirited email conversations about HSC conservation.

It didn't take a scientist to see that observationally, HSC numbers were diminishing on the usual spawning beaches across Cape Cod. Over a 20-year period, I wrote many (15) Guest Commentaries published in the Cape Codder and other media (from 1996 and on) under a pseudonym since fishermen made threatening calls to me when I advocated for HSC bait quotas. I was Jamie Roberts, Marley Angelleti and Kelsey Milano. In later years, other commentaries, written under my own name, called for scrutiny concerning the biomedical use of the crabs and lack of disclosure concerning mortality numbers, the health of the crabs (especially females) after bleeding and other issues about numbers harvested annually, etc. They have been protected by the Rule of 3 that I hope you will explain to the public! Of course, protection for the biomedical takers and not the crabs.

There were and still are, other harvesting issues with the DMF and the ASMFC, too numerous to mention here. All in all, the politics that has for years guided and interfered with the long-term survival concerns of this amazing prehistoric species.

As I mentioned, I've been observing the diminishing numbers of this species for years, beginning in the early 1900s. Of course, there are reasons having to do with habitat loss due to over development and natural changes in bay coast spawning areas, but it soon became apparent that the harvesting of the crabs was a most essential part of the problem both by the bait and biomedical industries.

Fast forward to the past 10-15 years.

Unlike the other more southern States like New Jersey and Delaware, Cape Cod's efforts in conservation of this threatened species seem meager at best. There have been some helpful efforts re tagging and other conservation measures, but research cannot stand alone as far as changing the status quo of necessary major changes in harvesting regulations. The takers have taken over since those early days. I fully realize that fishermen's livelihoods are threatened when restrictive quotas of diminishing species do not provide for the sustainability needed. The way of the Cod, perhaps of the lobster, soon horseshoe crab, and others. Conservation is the only long-term answer so that a bountiful fishery is restored to the benefit of all....or is it too late for that? My ancestors were fishermen, and my grandfather passionate about his job. I can commiserate.

Horseshoe crab and other fishery issues have been extremely political for many years on Cape Cod. That's surely old news. The time has come for local citizens to hopefully take interest and action. A good place to start is the Horseshoe Crab Recovery Coalition (hscrabrecovery.org) that provides access to the most up to date research and articles. In 2019, the group sent a letter to the Atlantic States Marine Fisheries Commission with this excerpt: (1-3 not included)

"4. Require biomedical companies to embrace restoration as a condition of profiting from horseshoe crab blood. This can be done by increasing the role of state agencies in regulating the biomedical industry engaged in horseshoe crab bleeding. This would allow greater flexibility in creating adaptive management plans that reduce bleeding mortality and injury to near zero. An adaptive management plan to reduce impacts could be financially supported by requiring biomedical companies to compensate for the loss of horseshoe crabs related to their activities. Our coalition stands ready to work with the ASFMC to make these changes to the ARM framework and the management of horseshoe crabs along the entire Atlantic coast. We are also working closely with partners in the biomedical industry to support a transition from the use of *Limulus amoebocyte lysate* (LAL) to recombinant factor C (rFC), which we believe will have a significant effect on horseshoe crab population viability coast wide. "

The supporters of the synthetic also include the The Horseshoe Crab Recovery Coalition, National Wildlife Federation, National Audubon, Defenders of Wildlife, American Littoral Society, Horseshoe Crab Advocates and many more.

RE: The synthetic (rFc)

The recombinant has been scientifically demonstrated as a successful alternative to horseshoe crab-derived LAL; the LAL companies on Cape Cod (Associates of Cape Cod and Charles River Labs, profess it has not been tested sufficiently. Not according to the extensive studies already done and the acceptance of the European Union to move forward with synthetic replacement by 2021 (which they already have). Our USP, supposedly bogged down with regulatory procedures, recently rejected doing so. The synthetic alternative would save thousands of horseshoe crab lives. We await the approval from the USP which is long overdue.

There is no denying that *Limulus Amebocyte Lysate* is an important life-saving product, but there can be no arguing that the continued diminishment of the horseshoe crab species, eventually headed for endangered status, can be sacrificed for man's greed for profit at all costs. A synthetic, after-all, is available.

As Sherl Heller, President of the Southeastern Massachusetts Pine Barren's Alliance and creator of the MA Horseshoe Crab Advocates commented recently after seeing the DMF's Proposed Regulatory Amendments:

"Really?

- . DMF is still permitting the take of female horseshoe crabs BEFORE they complete spawning.
- . DMF is still permitting the take of horseshoe crabs – an animal essential to human health – for BAIT.

DMF is still NOT regulating horseshoe crabs holding pens.

DMF is still working to sustain the biomedical industry and bait fishery, but is NOT working to increase the population of horseshoe crabs in numbers large enough to increase the numbers of shorebirds and sea creatures that rely on them for food.

Horseshoe Crabs CANNOT wait another 12 years to see if these regulations - as DMF claims – will ‘enhance conservation.’ Unacceptable!”

Thank you, Mr. McKiernan for reading this very long letter, but I felt it was important for you to understand that it has been a very long time since this species began to diminish on Cape Cod. You have served over three decades involved with fisheries management. policy and conservation, so surely you are cognizant of this. Yet conservation is egregiously neglected when the greed of human industry prevents measures designed to protect our waters and the species in it.

I realize that you have had many years of experience in the DMF and a solid reputation in conservation areas for the protection of endangered and threatened ocean species. It would be so important that you continue these efforts before the horseshoe crab is listed as endangered or threatened. The Massachusetts Horseshoe Crab Advocates is now proposing that they be listed as a Species of Special Concern. You can help determine if this measure will be a sad prognosticator for the future or the down listing of a key species.

Thank you for listening. I hope I will meet you at the upcoming meeting on April 24.

If you haven't already, please read the NY Times article (2-16-23)
by Deborah Cramer, “When the Horseshoe Crabs Are Gone, We’ll be in Trouble”,
and “How the fate of a shorebird is connected to the fate of the horseshoe crab” by Mark Faherty, Wellfleet Bay Sanctuary, April 5, 2023.

Regards
and thank you for listening.

Carol A. Amato carolardito@yahoo.com 617-840-7474

From: [LYNN ADAMS](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Re: Horseshoe Crabs
Date: Thursday, April 13, 2023 8:16:52 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I write today in support of **banning** collection of Horseshoe Crabs for bait at any time. Mass. is behind other coastal states in protection for this immeasurably important species in still allowing the harvest for bait. PLEASE BAN this practice. Lynn Hulbert Adams dahlyadams@comcast.net

From: +18572226896@tmomail.net
To: [Fish, Marine \(FWE\)](#)
Subject: Re: horseshoe crabs
Date: Tuesday, April 25, 2023 6:32:29 PM
Attachments: [text_0.txt](#)

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Attention: Daniel McKiernan Director of MA Division of Marine Fisheries Please consider fully protecting horseshoe crabs during their entire spawning season from April 15th through June 30th. In addition, I urge you to eliminate using horseshoe crabs as bait for eel and whelk harvesting. Thank you, Helen Linnehan Barnstable, MA



This message was sent to you by a T-Mobile wireless phone.

From: [Rebekah Ambrose](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Regulatory Changes to Protect Horseshoe Crabs in Massachusetts/Public Comment
Date: Sunday, April 16, 2023 11:36:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Massachusetts Division of Marine Fisheries,

Massachusetts needs tougher protections for horseshoe crabs. Please change the rules regarding the harvest to help protect horseshoe crabs in our state. They absolutely should not be harvested while they are trying to spawn. Their eggs are an important food source for Red Knots and other shore birds. They are an incredibly ancient and amazing creatures, and we should be in awe of them and do at least as much, if not more, as other states on the Atlantic seaboard are doing to protect them. Ban the horseshoe crab harvest from January through May!

Rebekah Ambrose-Dalton

From: [Tamara lickfield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Save the horseshoe crab
Date: Friday, April 7, 2023 2:16:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please protect the horseshoe crabs on Cape Cod by banning the harvest of them for medical purposes and for bait. Horseshoe crabs benefit shore birds and have been around for millions of years. Growing up on the Cape there were lots of them. Not so much now and sad to see! They are a delight to see with my grandchildren. There MUST be other methods of harvesting for bait and medical purposes. Please consider and do the right thing for these very cool creatures! Thank you
Tamara Lickfield..... Barnstable

Sent from my iPad

From: [THERESA SCHRAFFT](#)
To: [Fish, Marine \(FWE\)](#)
Cc: [fred.schrafft](#)
Subject: save the horseshoe crabs
Date: Friday, April 21, 2023 2:31:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I've seen them treated in a cruel manner by those who collect them-it's appalling...

From: [carol levison](#)
To: [Fish, Marine \(FWE\)](#)
Subject: save the horshoe crabs !!
Date: Monday, May 1, 2023 7:18:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Please !!!!!

From: [Lori Benson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Saving the Horseshoe Crab is Critical
Date: Sunday, April 16, 2023 10:08:59 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director McKiernan,

I am writing to express my concern about the future of horseshoe crabs in Massachusetts, and to put in an urgent request that stricter measures be put in place to protect them going forward.

DMF's current management scheme for the species is outdated and in serious need of revision. The agency recently sent a memo to the Marine Fisheries Advisory Commission with recommended changes to Commercial Horseshoe Crab limits for 2023. I am writing in support of those modifications related to 1) further restriction of harvesting dates, 2) significantly reducing bait quotas, and 3) requesting daily electronic reporting for all bait and biomedical harvesters.. I also strongly support the elimination of any harvesting of Horseshoe Crabs for commercial bait. Since the DMF already considers whelk to be depleted, it makes no sense to continue supporting a failing industry and risk wiping out another very important species, the horseshoe crab.

I have lived in Onset for almost 15 years and during that time, I've noticed a drastic reduction in the number of horseshoe crabs that we see on our beach every year. It's rare to see mating pairs now and there are fewer tracks on the beach than there used to be.

To ensure the survival of horseshoe crabs, much better management plans and more sustainable practices are desperately needed as soon as possible. This species is important from both an environmental perspective and an economic one, and is also an ancient species that deserves a lot more attention and respect than it is currently receiving. I sincerely hope that your organization will work hard to protect the horseshoe crab as well as other species whose success is so closely tied to our own.

Thank you for your time and attention to this critical issue. (BTW - did you know they swim upside down?)

Sincerely,

Lori C. Benson
Onset, MA

From: [Mass Audubon](#) on behalf of [Beth Kaplan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Stronger protection for horseshoe crabs!
Date: Thursday, April 27, 2023 4:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

I've had the pleasure of working with horseshoe crab counting on the Cape, through volunteer work with the Wellfleet Audubon. It's important for the state to take the right steps here.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Beth Kaplan
33 Longwood Avenue
Brookline, MA 02446

(617) 642-9129
beakap@me.com

From: [Mass Audubon](#) on behalf of [Marianne Walsh](#)
To: [Fish, Marine \(FWE\)](#)
Subject: STRONGLY Support horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:46:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

To see that Massachusetts is far behind other Atlantic states in our efforts to conserve horseshoe crabs is incredibly disappointing. They have been around since before the dinosaurs and to learn that Massachusetts previously denied further conservation efforts is mind boggling.

I strongly support the proposed regulation changes and hope to see Massachusetts become a leader in conservation efforts.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Marianne Walsh
70 Blueberry Ln
Harwich, MA 02645
(781) 413-5494
mariannclong@gmail.com

From: [Susan Moffat](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Subject line: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:45:31 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a teacher at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Susan Moffat

From: [Vanessa Gray](#)
To: [Fish, Marine \(FWE\)](#)
Subject: support for conservation measures
Date: Saturday, April 29, 2023 1:57:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director McKiernan:

I am writing to express my strong support for the increased protections being considered for horseshoe crabs and menhaden in the Commonwealth. With the multiple pressures affecting these populations, stricter regulation is imperative. We need to be restoring biodiversity and ecosystem health, not standing by and letting a frayed web of life collapse.

If it matters, I've been teaching environmental politics at UMass Lowell since 2002. The level of student concern about the destruction of nature near and far is at a level I've not seen in my lifetime. Young people understand that conservation requires economic tradeoffs, and that does not diminish the intensity of their conviction. The vast majority -- whether they are first-generation college students from urban areas, or well-prepared science and engineering majors -- wish that the people with power to make decisions would choose actions that support the well being of other species and protect what remains of the natural world.

Thank you for your work.

Sincerely,
Vanessa Gray
Ipswich, MA

From: [Mass Audubon](#) on behalf of [Valerie Nelson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation and protection measures
Date: Thursday, April 27, 2023 9:45:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Finally, I find it repulsive that horseshoe crabs would be considered an appropriate way to preserve medicines when there are adequate alternatives to this brutal process.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Valerie Nelson
216 Hart Street
Beverly, MA 01915

(978) 969-1504
valeriejanenelson@gmail.com

From: [Mass Audubon](#) on behalf of [Susan E. Riley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures, eliminate bait harvesting!
Date: Monday, April 24, 2023 12:03:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan E. Riley
1801 South Flagler Drive
West Palm Beach, FL 33401
(561) 315-7828
sansu@me.com

From: [Anke O'Neil](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:47:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am emailing you in regard to the Proposal to Adjust the Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Anke O'Neil

From: [Mass Audubon](#) on behalf of [Nancy Rabke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:48:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Rabke
945 Massasoit Rd
Eastham, MA 02642
(973) 818-9697
nancy.rabke@earthlink.net

From: [Mass Audubon](#) on behalf of [Michele Burnat](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:22:46 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Michele Burnat
50 Knowles Street
Eastham, MA 02642
(860) 771-8557
twitcher320@gmail.com

From: [Mass Audubon](#) on behalf of [scott talbot](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:18:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. scott talbot
70 OAKES DR
NORTH ANDOVER, MA 01845
(978) 726-5665
barbarat64@verizon.net

From: [Mass Audubon](#) on behalf of [Barbara Talbot](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:52:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Barbara Talbot
70 Oakes Dr,
North Andover, MA 01845-4810
(781) 799-6147
barbarat64@gmail.com

From: [Mass Audubon](#) on behalf of [Laura Williams](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:48:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Laura Williams
100 River Rd
Ware, MA 01082
(413) 461-5367
lauraz93@hotmail.com

From: [Mass Audubon](#) on behalf of [Lisa Nihan-Demeule](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:48:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit. We need to protect our shore birds and provide food for them, and the biodiversity of our earth is at stake!

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lisa Nihan-Demeule
55 Central St
Topsfield, MA 01983
(978) 609-4014
lisee570@gmail.com

From: [Mass Audubon](#) on behalf of [Benjamin Thyng](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:48:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As a wildlife biologist and informed citizen, I believe that Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Benjamin Thyng
19 Puritan Drive
Brewster, MA 02631
(603) 860-3081
thyngben@gmail.com

From: [Eric mason](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:51:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am emailing you in regard to the Proposal to Adjust the Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Eric Mason

From: [Mass Audubon](#) on behalf of [Cheryl Noroian](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:48:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cheryl Noroian
40 Clearview Dr
South Dennis, MA 02660-2301
(508) 258-0612
hcney11@comcast.net

From: [Mass Audubon](#) on behalf of [Lou-Anne Conroy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:18:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Humans have over harvested this animal now for decades. It's a keystone species and the health of our ocean's food webs also depend on their life cycle and survival. The least we can do now for a species that we owe so much to is to give it the protection it deserves.

Sincerely,
Lou-Anne Conroy

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lou-Anne Conroy
1945 Main Street
West Barnstable, MA 02668
(603) 236-9264
louaconroy@gmsil.com

From: [Mass Audubon](#) on behalf of [Huy Vu](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 6:48:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Huy Vu
22 Sunset Drive
South Easton, MA 02375
(774) 219-3992
huyvu1@yahoo.com

From: [Mass Audubon](#) on behalf of [Erin Ellingwood](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 6:48:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations as local populations of this incredible species have been significantly depleted. Yet biomedical harvest on Cape Cod has increased with new operations in Harwich, and bait harvest - a relic from a time when horseshoe crabs were (erroneously) categorized as pests by the shellfish industry - continues apace every year. Inexcusably, both the bait and biomedical harvests target female horseshoe crabs with eggs during the spawning season in May and June. Yet, by comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to catch up.

Improved protection for horseshoe crabs will also provide significant ecological benefits for migratory shorebirds. Species like the Red Knot (which is listed both federally and in Massachusetts as "threatened") depend on horseshoe crab eggs as their primary food source during spring migration. The consequences of failing to protect horseshoe crabs cannot be overlooked, particularly in light of recent findings that populations of all migratory shorebird species have declined since 1970 - some by more than 95%.

We need enough horseshoe crabs to support our migratory shorebirds. States like New Jersey, Maryland, Delaware, Virginia, and South Carolina all consider the ecological importance of horseshoe crabs to other species in their horseshoe crab management plans. The fact that Massachusetts Division of Marine Fisheries does not do the same is both scientifically unsound and unwise.

I fully support the proposed regulation changes, but I firmly believe they do not go far enough. I ask Mass DMF to consider in the near future that bait harvest of horseshoe crabs be ended altogether. The

main reason bait harvesting of horseshoe crabs continues today is to support a waning whelk fishing industry, even though the whelk fishery in question has formally been classified as "overfished" by the Mass DMF.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Erin Ellingwood
40B Newbury St
Somerville, MA 02144
(617) 718-3802
erin.ellingwood@gmail.com

From: [Ursula Junker](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 6:31:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Ursula Junker

From: [Mass Audubon](#) on behalf of [Craig Hannafin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 6:18:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Craig Hannafin
PO Box 94
North Marshfield, MA 02059-0094
(781) 834-7410
cdhan@comcast.net

From: [Mass Audubon](#) on behalf of [Susan Harlocker](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 6:18:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Harlocker
P.O.Box 1020
Vineyard Haven, MA 02568
(847) 735-0199
sharlocker@aol.com

From: [Mass Audubon](#) on behalf of [Megan Doe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 5:48:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Megan Doe
37 Warren St
Chatham, MA 02633
(413) 250-8756
megan.doe@gmail.com

From: [Mass Audubon](#) on behalf of [Katherine Black](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 5:22:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I volunteered for two seasons with the Wellfleet Bay Wildlife Sanctuary to count and tag horseshoe crabs. I live in Truro and have seen a severe reduction in the number of horseshoe crabs over the past ten years. These are incredible creatures-- one of the very oldest to have ever lived on earth. Amazingly, they survived whatever it was that killed off the dinosaurs. They are precious and must be saved. Please don't allow them to be used for bait and please curtail their use for biomedical purposes!!!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Katherine Black
36 Corn Hill Road
Truro, MA 02666
(505) 977-6781
bunkerblackat@gmail.com

From: [Mass Audubon](#) on behalf of [Davis Keeffe-Jones](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 5:18:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Davis Keeffe-Jones
PO Box 220
Orleans, MA 02653
(508) 237-1920
daviskeeffejones@gmail.com

From: [Mass Audubon](#) on behalf of [Catherine Gulliver](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 5:18:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

We simply cannot continue to decimate these remarkable creatures for our own selfish and frankly insignificant needs. Horseshoe crabs have existed on this earth for over 300 million years. Using them for bait should be banned altogether. Medical harvesting should be severely limited and only carried out in non-breeding seasons - - or it should be banned altogether, as successful substitutes have been developed and should be used instead of depleting our wondrous ancient and extraordinary horseshoe crab population.

PLEASE

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Catherine Gulliver
Box 739
Hyannis Port, MA 02647
(774) 487-7048
cate.j.gulliver@gmail.com

From: [Maria MacDonald](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:54:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Maria MacDonald

From: [Mass Audubon](#) on behalf of [Kim Ciarcia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:52:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kim Ciarcia
28 maple knoll drive
Hollis, NH 03049
(603) 566-7465
kimciarcia@gmail.com

From: [Mass Audubon](#) on behalf of [Morgan Peck](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:48:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Morgan Peck
231 route 28
West harwich, MA 02671
(508) 282-0955
mpeck@massaudubon.org

From: [Mass Audubon](#) on behalf of [JuPong Lin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:48:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Dear Legislator,

Dear [Decision Maker],

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like Connecticut just south of us, and New Jersey, have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Dear [Decision Maker],

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration. The population of Red Knots has declined precipitously in the past decade. Action is needed immediately to protect these species.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,
JuPong Lin
57 Oak Knoll Street
jupong2trees@gmail.com

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. JuPong Lin
57 Oak Knoll St
Amherst, MA 01002-1644
(413) 253-0149
jupong2trees@gmail.com

From: [Mass Audubon](#) on behalf of [Brent Garcia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:48:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Brent Garcia
112 Pleasant St Apt 1
Brookline, MA 02446
(617) 504-6518
brentgarcia@yahoo.com

From: [Thalia O'Neill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:28:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Thalia O'Neil

From: [Emily Lazarus](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:20:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Emily Lazarus

--

Emily A. Lazarus

From: [Mass Audubon](#) on behalf of [Nick Picariello](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:18:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Nick Picariello
51 Chris Drive
Wellfleet, MA 02667
(508) 404-7836
drnickpic@icloud.com

From: [Mass Audubon](#) on behalf of [John Portnoy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:18:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. John Portnoy
60 Narrowland Rd
Wellfleet, MA 02667
(774) 722-9995
jp.wellfleet@gmail.com

From: [Ezra Ackerman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 4:02:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Ezra Ackerman

From: [Mass Audubon](#) on behalf of [Shea Mahoney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 3:48:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Shea Mahoney
20 Almy Ave
Sandwich, MA 02563
(860) 930-1571
sheam3@gmail.com

From: [Mass Audubon](#) on behalf of [Andrea Ceselski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 3:48:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Andrea Ceselski
18 Warren Rd
Yarmouth Port, MA 02675
(508) 394-0748
waxwing77@comcast.net

From: [Natalie Pil](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 3:47:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Natalie Pil

From: lane.reed@comcast.net
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 3:36:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Director Daniel McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to **phase out bait harvest altogether**.

I look forward to following the progress of this proposal.

Sincerely,

Lana Reed
Framingham and Eastham
lane.reed@comcast.net

From: [Finley Muric](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 3:23:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Finley Muric

From: [Joshua McGuire](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 3:21:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

Extending the harvest ban to at least June 15 as was originally petitioned.

Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Joshua McGuire

From: [Mass Audubon](#) on behalf of [Mark Rea](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 2:48:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am a ceramic artist, and my work revolves around the horseshoe crab. I've studied everything I can find on it, and I agree with the statements here about the urgency of their protection. But I must say, as an artist, what intrigues me is the incredible irony that we, as one of the newest species on this planet, are systematically killing off the oldest species in order to, maintain our own. It's arrogant it's stupid and shortsighted and it's allowed to continue because the animal in question is not cuddly and sweet. The irony of the situation is rich and it fuels my art. I have witnessed firsthand how the population has fallen, as I collect the shells annually for my work. I've run into Cape Cod fisherman, who call horseshoe crabs, "the fish that you sell twice". Because when they get them back from the pharmaceutical companies, they do not return them to the ocean, they sell them to the bait dealers. And even if bleeding, horseshoe crabs is necessary, the current practices are absurdly cruel. Please do what you can to protect, this ancient species. Unchecked I am certain that the corporations that are bleeding them will continue as long as it makes their money.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological

benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Mark Rea
20 Sheldon Ave
Easthampton, MA 01027
(413) 527-2728
ceramiccrab@gmail.com

From: [Maya Shukla](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 2:35:46 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Maya Shukla

From: [Zara Taylor Keefer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 2:34:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Zara Taylor-Keefer

From: [Mass Audubon](#) on behalf of [Lynn Myers](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 2:22:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lynn Myers
175 Park St
Easthampton, MA 01027-2157
(413) 218-3455
babu413@yahoo.com

From: [Mass Audubon](#) on behalf of [Chuck Clarke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 2:22:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Chuck Clarke
419 Paines Creek Rd
Brewster, MA 02631
(617) 803-3633
chelydra0@gmail.com

From: [Mass Audubon](#) on behalf of [Nancy Burkert](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 2:18:01 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Nancy Burkert
PO Box 858
East Orleans, MA 02643
(508) 255-6666
neburkert@comcast.net

From: [Mass Audubon](#) on behalf of [Heidi Mayo](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 2:18:01 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Horseshoe crabs have managed to endure on this planet for over 300 million years. Now they need our help to mitigate negative impacts caused by humans.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Heidi Mayo
20 Savery Ave
Plymouth, MA 02360
(508) 328-2644
heidi@heidimayo.com

From: [Mass Audubon](#) on behalf of [Katharine Deuel](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 2:18:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Katharine Deuel
36 Walcott Road,
Beverly, MA 01915
(978) 380-0992
katharine.deuel@gmail.com

From: [Mass Audubon](#) on behalf of [Richard Mollica](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:52:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Richard Mollica
8 Hillside Rd
Lincoln, MA 01773-4107
(781) 259-9934
richard.mollica@gmail.com

From: [Mass Audubon](#) on behalf of [Arthur Spar](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:48:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Arthur Spar
235 W End Ave
New York, NY 10023-3631
(508) 349-7879
arthur.spar@gmail.com

From: [Mass Audubon](#) on behalf of [Paola Ovies](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:47:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Paola Ovies
171 Bog Pond Road
Brewster, MA 02631
(305) 587-8154
paola.ovies@gmail.com

From: [Mass Audubon](#) on behalf of [lenny breitlauch](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:47:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. lenny breitlauch
142 owl pond rd.
Brewster, MA 02361
(774) 470-8875
lennybreitlauch7@gmail.com

From: [Mass Audubon](#) on behalf of [ANNE SIGSBEE](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:47:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am a physician (retired) and my husband is a commercial fisherman (retired). We strongly support horseshoe crab conservation measures. We understand the economics of "cheap bait" in fishing, but the actual environmental costs of horseshoe crab bait is enormous. It should end. Perhaps subsidizing the current fisherman dependent on this bait and send a message to newcomers...horseshoe crabs will not be bait.

We understand the history and importance of limulus lysate. But bleeding off horseshoe crabs affects fertility and the whole population. It needs to be regulated and ultimately phased out. Once the synthetic is used universally, it will become affordable. Again, the hidden costs of using horseshoe crab blood has not been passed on to the medical industry. It should be!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. ANNE SIGSBEE
PO BOX 1244
Orleans, MA 02653
(508) 737-9635
cederbeee@comcast.net

From: [Mass Audubon](#) on behalf of [Rebecca Dupont-Coutu](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:47:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Rebecca Dupont-Coutu
34 Bertram Street
Beverly, MA 01915
(978) 973-6532
rdupontcoutu@gmail.com

From: [Mass Audubon](#) on behalf of [William Freedberg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:17:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. William Freedberg
34 Goden St
Belmont, MA 02478
(617) 899-5525
williamfreedberg@gmail.com

From: [Chris Muldoon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:07:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

Extending the harvest ban to at least June 15 as was originally petitioned.

Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Chris Muldoon

From: [Clara Athearn](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:07:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Clara Athearn

From: [Jack Beardsley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:06:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

Extending the harvest ban to at least June 15 as was originally petitioned.

Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Jack Beardsley

From: [Max Donovan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:00:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Max Donovan

From: [Harley Snowden](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 12:59:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Harley Snowden

From: [Siana Solarazza](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 12:58:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Siana Solarazza

From: [Mass Audubon](#) on behalf of [Gerald Quigley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 12:17:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Gerald Quigley
P.O.Box 95
East Orleans, MA 02643
(508) 255-6079
gquigley354@verizon.net

From: [William Butler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 12:10:46 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
William Butler

From: [Adele Francis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 12:10:01 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
ADELE FRANCIS

"The earth is my body; my head is in the stars" - Harold and Maude

From: [Tom Tortora](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 12:07:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Tom Tortora

From: [Mass Audubon](#) on behalf of [Jeanne Dibenedetto](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 11:52:08 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jeanne Dibenedetto
12 S Sullivan Rd
Charlton, MA 01507
(774) 318-7680
rocky1882@aol.com

From: [Amy Galvam](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 11:46:34 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

RE: Dear members of the Division of Marine Fisheries,

I am a teacher at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Amy Galvam

--

Amy Galvam P'22, P'27 (she/her)
Director of Communications
7 Highfield Drive, Falmouth, MA 02540
508-457-9696
falmouthacademy.org



Mission Statement

Harnessing the power of inspired learning in a world-renowned scientific and vibrant artistic community. Falmouth Academy emboldens each student to take creative and intellectual risks to confidently engage the challenges of our times.

From: [Leslie Walters](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 11:46:05 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Members of the Division of Marine Fisheries,

I am a staff member at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Leslie Walters

--

Leslie Walters
Executive Assistant to Matthew Green, Head of School
Falmouth Academy
7 Highfield Drive
Falmouth, MA 02540
508-457-9696 ext. 222
www.falmouthacademy.org

Harnessing the power of inspired learning in a world-renowned scientific and vibrant artistic community, Falmouth Academy emboldens each student to take creative and intellectual risks to confidently engage the challenges of our times.

From: [Willow Lajoie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 11:44:07 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Willow Lajoie

From: [Natalie Worley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 11:27:02 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Natalie Worley

From: [Moss Junker](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 11:26:41 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Moss Junker

Sincerely,

Moss Junker

He/Him

Class of 2028, Falmouth Academy

From: [Mass Audubon](#) on behalf of [Alexandra Sheldon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 11:18:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Alexandra Sheldon
43 Cushing Street
Cambridge, MA 02138
(617) 429-4434
alexandrasheldon@comcast.net

From: [Mass Audubon](#) on behalf of [Susan Griffin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 11:17:47 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Can we please slow down and stop the destruction of our environment. Please protect this incredible Horseshoe crab.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Griffin
52 Schooner Dr
Cotuit, MA 02635
(774) 238-2332

atpsmg@gmail.com

From: [Amelia Russell Schaeffer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:59:24 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Amelia Russell Schaeffer

From: [Olivia Riddiford](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:58:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Olivia Riddiford

--

Olivia Riddiford
Falmouth Academy
508-457-9696

From: [Mrs. Santamauro](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:58:11 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I urge you to extend the harvest ban to at least June 15 as was originally petitioned and to commit to phasing out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Britta

--

Britta Santamauro (she/ her)
Director of Library and Archives
Yearbook Advisor
Falmouth Academy
www.falmouthacademy.org



Harnessing the power of inspired learning in a world-renowned scientific and vibrant artistic community, Falmouth Academy emboldens each student to take creative and intellectual risks to confidently engage the challenges of our times.

From: [Elise Soule](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:53:15 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Elise Soule '27

From: [Margaret Lowell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:52:19 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

Extending the harvest ban to at least June 15 as was originally petitioned.

Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Margaret

From: [Mass Audubon](#) on behalf of [Paul Levy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:47:45 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I'm especially concerned that biomedical harvest on Cape Cod has increased with new operations in Harwich. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Paul Levy
59 Oxford Rd
Newton Center, MA 02459-2407
(617) 733-7423
plevy0808@gmail.com

From: [Mass Audubon](#) on behalf of [Shoshana Antunes](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:47:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Shoshana Antunes
10 Utility Road
Scituate, MA 02066
(848) 702-1862
shoshanaantunes1@gmail.com

From: [Mass Audubon](#) on behalf of [Abby Wood](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:47:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Abby Wood
50 Osterville-West Barnstable Rd
Osterville, MA 02655
(401) 269-9287
awood@capecodacademy.org

From: [Mass Audubon](#) on behalf of [Laura Gill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:21:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Laura Gill
20 Turning Mill Rd
Brewster, MA 02631
(508) 237-4307
gillhart@yahoo.com

From: [Mass Audubon](#) on behalf of [Nancy Munger](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:17:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted.

I have lived close to Cape Cod Bay for 30 years and very often walk the beach and tidal flats. The decrease in the horseshoe crab population as evidenced by the times I see (and now- don't see) them mating has been shocking. I have also participated in Wellfleet Bay Sanctuary's horseshoe crab counts and recent years' counts have also been depressingly low.

Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Munger
75A Pilgrims Path
Eastham, MA 02642
(508) 255-6869
mungbean54@hotmail.com

From: [Mass Audubon](#) on behalf of [Dena Verdesca](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:17:38 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Dena Verdesca
509 N Elizabeth St
Durham, NC 27701
(718) 781-8088
dena.verdesca@gmail.com

From: [Maria Soares](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:02:47 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

-Maria Eduarda

From: [Thomas Goux](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:01:13 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Thomas Goux

From: [Apex Heywood](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:59:00 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Apex Heywood

From: [Karly Shifrin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:58:03 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Karly Shifrin

From: [Peter Jeffrey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:57:56 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Peter Jeffrey

From: [Seomae Aronson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:57:52 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Seomae Aronson

From: [Dillon Fondren](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:57:45 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Dillon Fondren

From: [Charlie Rickard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:57:26 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Charlie Rickard

From: [David Gallagher](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:57:25 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

David Gallagher Jr

From: [Eva Muldoon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:57:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Eva Muldoon

From: [Alexander Ray](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:56:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery. Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Alex

From: [Mass Audubon](#) on behalf of [Daniel Mucinskas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:51:38 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Daniel Mucinskas
196 Lexington Street, Unit B
Boston, MA 02128
(774) 284-0241
dmucinskas@gmail.com

From: [Mass Audubon](#) on behalf of [Mary Lundergan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:47:48 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary Lundergan
545 Centre st
Jamaica Plain, MA 02130
(617) 983-5012
marylundergan@comcast.net

From: [Arden O'Neil](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:24:03 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Arden O'Neil

From: [Dhara Sananikone-Evans](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:22:11 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Dhara Sananikone-Evans

From: [Mass Audubon](#) on behalf of [Peter Degen-Portnoy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:17:35 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I grew up sailing on Great South Bay of Long Island and my family cruised to Cape Cod regularly. I remember looking through crystal clear waters to see horseshoe crabs crawling along the grassy sea bed when I was a child. This is the legacy I wish to leave to my dependents. Your support will be greatly appreciated by this and future generations.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Peter Degen-Portnoy

46 Everett St
Arlington, MA 02474
(781) 258-9722
peter@degen-portnoy.name

From: [Mass Audubon](#) on behalf of [Ben Wigren](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:17:33 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Ben Wigren
Po Box 2721
Orleans, MA 02653
(617) 821-2404
benwigren@gmail.com

From: [Mass Audubon](#) on behalf of [Frank Basler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:17:33 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Frank Basler
2285 County Street
East Taunton, MA 02718
(508) 801-2426
fjb28@comcast.net

From: [Mass Audubon](#) on behalf of [Andrew Schroeder](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:47:51 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Andrew Schroeder
7 Alden Rd.
Orleans, MA 02653
(781) 367-9200
andrewschro@gmail.com

From: [Robby Lender](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:23:46 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a Sophomore at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal, and I am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a **vital** part of our marine ecosystem, and overharvesting by humans is leading them disturbingly close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source. Humans have lead to the extinction of countless species, please don't let a beautiful species like this one add to that horrible list.

Sincerely,

Robby Lender

From: [Susanna Lowell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:22:49 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Susanna Lowell

From: [Ava Churchill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:22:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Ava Churchill

From: [Ethan Plotkin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:21:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Ethan Plotkin

From: [Declan Lane](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:21:25 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Declan Lane, 25'

Protect our horseshoe crabs!

From: [Meghan Dooley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:21:20 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Meg Dooley

From: [Anne Jeffrey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:21:19 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Anne Jeffrey

From: [Gracie Coggins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:21:15 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely, Gracie Coggins

From: [Lila Journalist](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:21:10 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Lila Journalist

From: [Devon Lanson-Alleyne](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:21:03 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Devon Lanson-Alleyne

From: [Yaz Aubrey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:20:55 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Yaz Aubrey

From: [Carly Coggins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:20:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Carly Coggins

From: [Mass Audubon](#) on behalf of [Tyler Bream](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:17:32 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Tyler Bream
342 village st
milis, MA 02054
(847) 722-0211
tbbream@gmail.com

From: [Mass Audubon](#) on behalf of [Barbara Dougan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:17:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Barbara Dougan
20 Madison Drive
East Sandwich, MA 02537
(508) 246-3867
badougan@gmail.com

From: [Mass Audubon](#) on behalf of [Charles Morgan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 8:17:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Charles Morgan
188 High St
Rochester, MA 02770
(508) 763-4585
c_morgan_1@hotmail.com

From: [Mass Audubon](#) on behalf of [David Woolery](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:48:02 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Woolery
40 Comstock Hill Ave
Norwalk, CT 06850
(203) 312-3175
davewoolery@gmail.com

From: [Mass Audubon](#) on behalf of [Robin Frede](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:47:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Having been a resident of South Carolina for several past years, working for the South Carolina Department of Natural Resources participating in horseshoe crab population surveys, I have seen first hand the positive impacts from stricter regulations regarding harvest for the biomedical industry and ban on bait harvest.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Robin Frede

34 Congress St
Amesbury, MA 01913
(937) 727-4216
rlfrede@gmail.com

From: [Mass Audubon](#) on behalf of [B. Rubinstein](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:47:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. B Rubinstein
4 King Arthurs Way
Bourne, MA 02532
(508) 833-1025
rubinstein4@comcast.net

From: [Mass Audubon](#) on behalf of [Emily Keating](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:47:29 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Emily Keating
40 Comstock Hill Ave
Norwalk, CT 06850
(203) 434-8059
em.keats@gmail.com

From: [Mass Audubon](#) on behalf of [Andrew Laine](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:47:29 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Andrew Laine
47 Skyline Drive
W Yarmouth, MA 02673
(774) 212-0868
wanderalien@comcast.net

From: [Mass Audubon](#) on behalf of [Evangelyn Buckland](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:47:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Evangelyn Buckland
39 Sunset Ave
Wilmington, NC 28401
(910) 547-8108
evangelyn25@gmail.com

From: [Mass Audubon](#) on behalf of [Michael Blumberg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:17:46 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Blumberg
6 Daybreak Ln
Westport, CT 06880
(617) 823-1179
michael.blumberg@gmail.com

From: [Devon Pritchett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 7:16:31 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,
Devon Pritchett
West Yarmouth, MA
02673

From: [Mass Audubon](#) on behalf of [Janice Scoppettuolo](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 6:47:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Janice Scoppettuolo
269 Washington Street
Pembroke, MA 02359
(781) 829-2245
janice.scoppettuolo@gmail.com

From: [Mass Audubon](#) on behalf of [Anita Di Bianco](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 3:47:34 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Anita Di Bianco
52 Ione Road
Wellfleet, MA 02667
(508) 349-6978
mail@anitadi.net

From: [Mass Audubon](#) on behalf of [Pamela Fair](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 1:17:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Please take action to protect these ancient creatures which are so much a part of our shoreline ecology!

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Pamela Fair
30 Colberg Ave
Roslindale, MA 02131-2724
(617) 323-3989

pmffair@aol.com

From: [Mass Audubon](#) on behalf of [Mary Craig](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 12:22:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary Craig
10 Kingsbury Way
Yarmouth Port, MA 02675-1209
(508) 744-7696
marcraig@gmail.com

From: [Mass Audubon](#) on behalf of [Michele Lincoln](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 12:22:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Michele Lincoln
55 Old Colony Way Unit F1
Orleans, MA 02653
(413) 531-5065
m_lincoln@icloud.com

From: [Mass Audubon](#) on behalf of [Gregory Lazan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:22:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Horseshoe crabs are themselves listed as endangered on the IUCN red list. It would be most helpful to enact all possible protections for them as soon as possible.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Gregory Lazan
46 Chamberlain Pkwy
Worcester, MA 01602-2536

(508) 769-3619
lazan@charter.net

From: [Mass Audubon](#) on behalf of [D Page](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:51:59 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is way way overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I have seen first hand severe degradation in Falmouth mass over just 10 years.

Please. Thank you

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. D Page
134 chestnut circle
Lincoln, MA 01773
(781) 259-3735

properpaintx@aol.com

From: [Mass Audubon](#) on behalf of [Mary Clare McGraw](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:26:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Mary Clare McGraw
414 W 4th St 3
Boston, MA 02127
(781) 820-4606
maryclare.mcgraw@gmail.com

From: [Mass Audubon](#) on behalf of [Joel Kent](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:26:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joel Kent
86 Pilgrim Road
Needham, MA 02492
(781) 455-7960
joel.kent@comcast.net

From: [Mass Audubon](#) on behalf of [Anne Sargent](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:21:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Anne Sargent
11 Laurel Ter
Somerville, MA 02143
(617) 384-8405
ams237@cornell.edu

From: [Mass Audubon](#) on behalf of [Philip Detjens Jr](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:21:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Do we really need to continue the short sighted , easy money approach to exploit a natural resource that has more value as an ecological diversified species to maintain holistic ecosystem?

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Philip Detjens Jr
PO. Box 946
Barnstable, MA 02630
(508) 744-7423
pdetjens374@comcast.net

From: [Mass Audubon](#) on behalf of [Margo Feeney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 8:56:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Margo Feeney
17 Ridge Rd
Marblehead, MA 01945
(781) 631-2326
mwf21090@gmail.com

From: [Mass Audubon](#) on behalf of [Kaitlyn Button](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 8:52:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Kaitlyn Button
310 Nellie Road
Wellfleet, MA 02667
(315) 263-7310
katiebutton21@gmail.com

From: [Mass Audubon](#) on behalf of [Elizabeth Sirois](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 8:51:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Elizabeth Sirois
37 Ellis Drive
DENNIS PORT, MA 02639
(774) 212-2569
togetherwebloom@yahoo.com

From: [Mass Audubon](#) on behalf of [Valerie Fein-Zachary](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:51:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Hi,

Horseshoe crabs are millions of years old and are essential to our eco system. Please don't cave to businesses in Massachusetts that fled southern states because they decimated the horseshoe crab population in their home states and now have to come to our state and will kill off our valuable resource.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Valerie Fein-Zachary
252 Marlborough Street
Boston, MA 02116
(617) 869-6668
drvalerie@aol.com

From: [Mass Audubon](#) on behalf of [John Hanlon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:27:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Hanlon
66 Shore Road
West Harwich, MA 02671
(508) 237-0041
jhanlon2@comcast.net

From: [Mass Audubon](#) on behalf of [Corri Stewart](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:21:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Corri Stewart
12 Alden terr
Plymouth, MA 02360
(860) 490-5403
ccdstewart@gmail.com

From: [Mass Audubon](#) on behalf of [Cate MacGregor](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:52:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cate MacGregor
99 Oak St
Duxbury, MA 02332
(508) 237-6752
cate.macgregor@gmail.com

From: [Mass Audubon](#) on behalf of [Joe Jerolimo](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:51:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joe Jerolimo
13 Athens Way
West Yarmouth, MA 02673
(845) 661-4435
joejerolimo@gmail.com

From: [Mass Audubon](#) on behalf of [John Stix](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:51:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Stix
4341 Montrose Avenue
Westmount, QC H3Y 2A8
(514) 939-5533
stix@eps.mcgill.ca

From: [Mass Audubon](#) on behalf of [Emily OBrien](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:21:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit. Unfortunately we have become a society of overconsumption and excessive waste especially when we believe nature is boundless for us to exploit. Sadly millions of species are under a huge threat of extinction and irreversible decline. Let's have Massachusetts listen to the evidence and not unfortunately special interests. Its time to end the practice of bait harvest and put in place serious protective measures for the horseshoe crab.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Emily OBrien

12 Nira Ave
Jamaica Plain, MA 02130
(617) 417-5475
emilyobrien@comcast.net

From: [Mass Audubon](#) on behalf of [Ruth Carlson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:21:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ruth Carlson
69 Cheshire Dr
Longmeadow, MA 01106-2132
(413) 519-6426
ruth1103@aol.com

From: [Mass Audubon](#) on behalf of [Kerri Ratcliffe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:21:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kerri Ratcliffe
975 Memorial Drive
Cambridge, MA 02138
(908) 500-5626
klratcliffe@gmail.com

From: [Mass Audubon](#) on behalf of [Douglas Wilcock](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:56:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Douglas Wilcock
96 Great Fields Rd.
Brewster, MA 02631
(508) 896-7404
mhaynes96@comcast.net

From: [Mass Audubon](#) on behalf of [Carol Crosby](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:56:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carol Crosby
42 Fuller Rd
Centerville, MA 02632
(860) 324-8083
ccrosby196@hotmail.com

From: [Mass Audubon](#) on behalf of [Andrea Spence](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:51:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Andrea Spence
9 Candlewick Rd
Orleans, MA 02653
(508) 479-8912
aspence22@gmail.com

From: [Mass Audubon](#) on behalf of [Wayne Ciarcia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:51:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Wayne Ciarcia
28 maple knoll dr
Hollis, NH 03049
(603) 566-3577
wayneciarcia@gmail.com

From: [Mass Audubon](#) on behalf of [Elisabeth Peterson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:26:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts needs to catch up and updates its harvesting regulations. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Elisabeth Peterson
19 Temple St Apt 2
Boston, MA 02114-4211
(617) 367-9068
betsytpete@gmail.com

From: [Mass Audubon](#) on behalf of [Susan Wellington](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:26:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Susan Wellington
53 Avalon Road
Needham, MA 02492
(617) 680-9809
swellington@wellesley.edu

From: [Mass Audubon](#) on behalf of [Rachel Garcia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:21:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Rachel Garcia
PO Box 528
Sheldonville, MA 02070
(978) 764-8559
garcia_rachel@yahoo.com

From: [Mass Audubon](#) on behalf of [Brendon Jones](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:21:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Brendon Jones
27 Hammond st
Mattapoisett, MA 02739
(508) 208-9767
bljones.design@gmail.com

From: [Mass Audubon](#) on behalf of [Michele O'Connell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:21:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Michele O'Connell
24 Farragut ave
Somerville, MA 02144
(781) 812-9362
oconnell.mb79@gmail.com

From: [Mass Audubon](#) on behalf of [Shellie Kerrigan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:21:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Shellie Kerrigan
7 Rochelle Dr
Wakefield, MA 01880
(802) 598-5846
shelliegauthier@gmail.com

From: [Mass Audubon](#) on behalf of [Lloyd Franke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:51:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Lloyd Franke
40 Mashnee Rd
Bourne, MA 02532
(781) 879-9534
lfranke@comcast.net

From: [Mass Audubon](#) on behalf of [Katie Kelley-Labonte](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:51:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Please help save horseshoe crabs and our environment.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Katie Kelley-Labonte
27 Virginia Ln
East Longmeadow, MA 01028
(860) 670-6176
kkelley6767@icloud.com

From: [Mass Audubon](#) on behalf of [Thomas Prior](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:51:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Thomas Prior
36 Fieldstone st
Westwood, MA 02090
(617) 875-5614
teprior@gmail.com

From: [Mass Audubon](#) on behalf of [Erin Vogt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:51:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Erin Vogt
25 Orange St
Boston, MA 02131
(617) 212-7662
erinlvogt@yahoo.com

From: [Mass Audubon](#) on behalf of [Donald Gould](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:26:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Donald Gould
26 Champlain Road
Orleans, MA 02653
(646) 830-8194
degould7@gmail.com

From: [Mass Audubon](#) on behalf of [Andrew Wolf](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:21:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

It only makes sense to ban horseshoe crab harvest during mating season.

Andrew Wolf, MD

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Andrew Wolf
88 Valley Road
Wellfleet, MA 02667
(434) 962-7531
aw6a@virginia.edu

From: [Mass Audubon](#) on behalf of [Jacob Hornbrook](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:21:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Jacob Hornbrook
19 hope lane
Baring, ME 04694
(207) 214-1070
maroney37@hotmail.com

From: [Mass Audubon](#) on behalf of [Sharon Bender](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:21:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sharon Bender
20 Steven Dr
West Yarmouth, MA 026732626
(508) 258-0652
sharonalongshore@comcast.net

From: [Mass Audubon](#) on behalf of [Susan Vogler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 4:21:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Susan Vogler
48 East Ave
Marion, MA 02738
(603) 502-1017
blade778@aol.com

From: [Mass Audubon](#) on behalf of [Mary Eldridge](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 3:56:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary Eldridge
193 Tremont st unit 4
Taunton, MA 02780
(774) 226-6460
mzkent@icloud.com

From: [Mass Audubon](#) on behalf of [Jenna Scalese](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 3:56:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jenna Scalese
867 Long Pond Rd
Brewster, MA 02631
(954) 854-8448
jenngartistry@gmail.com

From: [Mass Audubon](#) on behalf of [Sarah Comstock](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 3:51:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sarah Comstock
PO Box 1025
Wellfleet, MA 02667
(330) 540-9452
sarah.comstock96@gmail.com

From: [Mass Audubon](#) on behalf of [Virginia Wall](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 3:51:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Virginia Wall
40 Rosemary Ln
East Falmouth, MA 02536
(781) 934-2672
vehw49@gmail.com

From: [Mass Audubon](#) on behalf of [Gordon Rice](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 3:26:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Gordon Rice
73 Windswept Rd
West Wareham, MA 02576
(508) 295-3179
gfrice1@verizon.net

From: [Mass Audubon](#) on behalf of [David Vogler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 3:21:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Vogler
625 Milton Road
Rye, NY 10580
(917) 842-6012
vogler2000@aol.com

From: [Mass Audubon](#) on behalf of [Amy Sanders](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 3:21:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amy Sanders
PO Box 83
Truro, MA 02666
(508) 349-3310
volunteer@wildcarecapecod.org

From: [Mass Audubon](#) on behalf of [Michelle Wenck](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 3:21:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Michelle Wenck
838 East Street
Dedham, MA 02026
(617) 875-8480
hmmm147@yahoo.com

From: [Mass Audubon](#) on behalf of [Ana Caguiat](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:56:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ana Caguiat
10 Charles St
Bridgewater, MA 02324
(603) 418-5986
acaguiat40@gmail.com

From: [Mass Audubon](#) on behalf of [Paige Daigle](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:51:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Paige Daigle
10 Charlene Ln
Harwich, MA 02645
(774) 722-4124
paigecdaigle@gmail.com

From: [Mass Audubon](#) on behalf of [Sharon Hsu](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:51:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sharon Hsu
35 Lothrop Ln
West Barnstable, MA 02668
(310) 948-4115
shsu.sharon@gmail.com

From: [Mass Audubon](#) on behalf of [Shirley Vautin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:51:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Shirley Vautin
262 Sheep Pond Drive
Brewster, MA 02631
(508) 274-8590
svautin@gmail.com

From: [Mass Audubon](#) on behalf of [Dina Catani](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:51:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Dina Catani
165 Tremont St unit 1103
Boston, MA 02111
(617) 755-5275
dinacatani@gmail.com

From: [Mass Audubon](#) on behalf of [Silas Watkins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:51:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Silas Watkins
340 Coles Neck Rd
Wellfleet, MA 02667
(774) 722-5983
mainsailstoneworks@gmail.com

From: [Mass Audubon](#) on behalf of [Deirdre Detjens](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:21:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Horseshoe crabs are vital to our marine ecosystem. Why, in MA, do the regulators not respect them, as they are in the mid-Atlantic? Just yesterday I spoke with a woman who remembers the penny/telson bounty from when she was young. Today, on the same South Shore beach, she has to look to find them. A friend from Cape Cod has the same memories, and she is not even 75.

PLEASE respect the mother horseshoe crabs and at least let them lay their eggs in peace. PLEASE help to advocate for use of a synthesized blood, so average residents like myself do not inundate your in-box.

As a MA resident, I am embarrassed that so much of our state funds go to protecting shorebirds, yet much of their food source is literally being taken away.

Deirdre Detjens

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deirdre Detjens
P.O. Box 946
Barnstable, MA 02630
(508) 744-7528
detjensdeirdre@gmail.com

From: [Mass Audubon](#) on behalf of [Michelle hliva](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:21:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Michelle hliva
10 Walker Rd
Eastham, MA 02642
(774) 327-1413
mhliva1991@gmail.com

From: [Mass Audubon](#) on behalf of [William D. Mauldin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 2:21:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Horseshoe crabs are fascinating and important creatures that are strongly connected to the natural environment of Cape Cod, and I cannot imagine our world without them. These beautiful crabs tie us to the past and with proper protection, to the future. Please impose the proposed harvesting ban to protect them.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. William D. Mauldin

59 Center Street
Yarmouth Port, MA 02675
(919) 632-7258
davemauldin@mac.com

From: [Mass Audubon](#) on behalf of [Monica Winters](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 1:56:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Please support the legislation that would provide better protections for the horseshoe crab population.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Monica Winters
56 West St
New Salem, MA 01355
(413) 563-1649

wimpleone@gmail.com

From: [Mass Audubon](#) on behalf of [Beth Mauldin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 1:51:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Horseshoe crabs are fascinating and important creatures that are strongly connected to the natural environment of Cape Cod, and I cannot imagine our world without them. These beautiful crabs tie us to the past and with proper protection, to the future. Please impose the proposed harvesting ban to protect them.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Beth Mauldin

59 Center Street
Yarmouth Port, MA 02675
(919) 357-6895
bethmauldin@mac.com

From: [Mass Audubon](#) on behalf of [Michael Sylvester](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 1:51:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Sylvester
45 Essex St
Swampscott, MA 01907
(617) 872-7167
sylvestermichaelj@gmail.com

From: [Mass Audubon](#) on behalf of [William Carome](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 1:21:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. William Carome
145 Summer St
Somerville, MA 02143
(202) 531-1033
william.carome@gmail.com

From: [Mass Audubon](#) on behalf of [Lydia Graham](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 1:21:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Lydia Graham
700 Russell Road
Westfield, MA 01085
(413) 822-2375
lydiafgraham@gmail.com

From: [Mass Audubon](#) on behalf of [Heather Deveau](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 1:21:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Heather Deveau
176 Bay View Road
South Chatham, MA 02659
(508) 360-9077
heather47unh@gmail.com

From: [Mass Audubon](#) on behalf of [Katherine Slocum](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:56:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Katherine Slocum
142 Magnet Way
Brewster, MA 02631
(508) 896-7503
kaslocum@gmail.com

From: [Mass Audubon](#) on behalf of [Diane Simpson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:51:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Diane Simpson
80 Westside Dr.
Ballston Lake, NY 12019
(518) 399-9322
enercony@earthlink.net

From: [Mass Audubon](#) on behalf of [Sarah Tolles-Chaney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:51:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sarah Tolles-Chaney
19 Joe Jay Lane
Forestdale, MA 02644
(479) 936-0204
sarah.tolles@gmail.com

From: [Mass Audubon](#) on behalf of [Jessica Spring](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:51:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jessica Spring
2035 Lyon St.
San Francisco, CA 94115
(510) 393-4008
jcarriespring@gmail.com

From: [Mass Audubon](#) on behalf of [Jennifer Baldvins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:51:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jennifer Baldvins
850 Massasoit Rd
Eastham, MA 02651
(413) 276-5038
jenn.baldvins@gmail.com

From: [Mass Audubon](#) on behalf of [Briann MacLeod](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:26:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Briann MacLeod
687 Main St APT 4
Amherst, MA 01002
(413) 404-4093
briann.a.macleod@gmail.com

From: [Mass Audubon](#) on behalf of [Kevin Carroll](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:21:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Kevin Carroll
135 Grandview Street
Wellfleet, MA 02667
(508) 237-4533
kevincapecod@hotmail.com

From: [Mass Audubon](#) on behalf of [Natty Hoffman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:21:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Natty Hoffman
1060 Broadway
Somerville, MA 02144
(781) 375-6706
hoffman.natty@gmail.com

From: [Mass Audubon](#) on behalf of [Justin Jones](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:21:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Justin Jones
42 High St
Amherst, MA 01002
(903) 277-8866
juicyjgames83@gmail.com

From: [Mass Audubon](#) on behalf of [Sarah Schwarz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:56:07 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sarah Schwarz
97 north pamet road
Truro, MA 02666
(206) 650-7151
schwarz.sarahkai@gmail.com

From: [Mass Audubon](#) on behalf of [Meg Wieland](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:51:07 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Meg Wieland
1355 Bridge Rd
Eastham, MA 02642
(717) 887-5371
mehganwieland@gmail.com

From: [Mass Audubon](#) on behalf of [Janet McGowan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:51:07 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Janet McGowan
706 South East Street
Amherst, MA 01002
(413) 336-2500
janetmcgowan30@comcast.net

From: [Mass Audubon](#) on behalf of [Katherine Parks](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:51:06 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Katherine Parks
1576 Commonwealth Ave, 18
Boston, MA 02135
(413) 344-3068
k8iekat1@gmail.com

From: [Mass Audubon](#) on behalf of [Chris Nappi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:51:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Chris Nappi
76 Stony Brook Road
Brewster, MA 02631
(617) 529-4213
c_nappi@hotmail.com

From: [Mass Audubon](#) on behalf of [Kristen Tool](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:26:00 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kristen Tool
50 Olsen rd
Lanesborough, MA 01237
(413) 464-2481
kristen.tool@gmail.com

From: [Mass Audubon](#) on behalf of [Jessica Rempel](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:21:03 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jessica Rempel
44 Old Salt Lane
Wellfleet, MA 02667
(508) 246-3263
jessdools@gmail.com

From: [Mass Audubon](#) on behalf of [Laurisa Rich](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:21:03 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Laurisa Rich
PO Box 347
Chilmark, MA 02535
(508) 395-6985
tolaurisa@yahoo.com

From: [Mass Audubon](#) on behalf of [Bob Bennett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:21:02 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Bob Bennett
165 Old Long Pond Rd
Wellfleet, MA 02667
(781) 799-0008
rfbenn12@gmail.com

From: [Mass Audubon](#) on behalf of [Megan Miller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:21:01 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Thank you,
Megan M

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Megan Miller
21320 E 40th ave
Denver, CO 80249
(720) 775-9710

megan.k.miller2473@gmail.com

From: [Mass Audubon](#) on behalf of [Stephanie Tuckfield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:21:01 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Stephanie Tuckfield
1250 Hilltop Drive
Annapolis, MD 21409
(410) 353-1298
s.grap313@gmail.com

From: [Mass Audubon](#) on behalf of [Mary Jo Foti](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:21:01 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary Jo Foti
21 Hinkley Pond Drive
South Dennis, MA 02660
(914) 262-5878
maryjo1226@yahoo.com

From: [Mass Audubon](#) on behalf of [Manasvi Khullar](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:21:00 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Manasvi Khullar
11740 San Pablo Ave
El Cerrito, CA 94530
(860) 319-1775
manasvik2019@gmail.com

From: [Mass Audubon](#) on behalf of [David Kelleher](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 11:21:00 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Kelleher
3003 E Mount Jordan Rd
Sandy, UT 84092
(978) 270-5949
kelleherdavid1@gmail.com

From: [Mass Audubon](#) on behalf of [Ellen Taylor](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:55:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Ellen Taylor
2 Woodvue Road
Forestdale, MA 02644
(508) 477-3756
ellentaylor1225@gmail.com

From: [Mass Audubon](#) on behalf of [Richard Lally](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:51:01 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Richard Lally
5 dambrosio rd
Lynn, MA 01904
(978) 317-6965
richardlally1@gmail.com

From: [Mass Audubon](#) on behalf of [Jeffrey Bryant](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:51:01 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted.

These creatures have lived, essentially unchanged, for millions of years. Surely they deserve better than to be exploited, for purely financial gain, without consideration for sustainability of the species. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Jeffrey Bryant
1232 Route 134

South Dennis, MA 02641
(508) 737-2624
five_loons@yahoo.com

From: [Mass Audubon](#) on behalf of [Joseph Rando](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:51:00 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joseph Rando
23 Colburn Dr
Sharon, MA 02067
(781) 784-6052
joe@randos.net

From: [Mass Audubon](#) on behalf of [Robert Hutchinson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:51:00 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

It is common sense...if we, as inhabitants of this world, can take steps to prevent the extinction of the horseshoe crab.....who has been around for millions of years....then we should take those steps.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Robert Hutchinson
P.O. Box 742
Hyannis Port, MA 02647
(508) 775-7576
nettie1873@gmail.com

From: [Mass Audubon](#) on behalf of [Leanne Yinger](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:50:59 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Leanne Yinger
110 Narragansett Ave
Lanesboro, MA 01237
(413) 464-1462
kiraskitchen5@gmail.com

From: [Mass Audubon](#) on behalf of [Laurie Crosley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:50:59 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

We must protect this amazing creature.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Laurie Crosley
165 Meadow Drive
Eastham, MA 02642
(410) 905-4674
lbc3lbc@gmail.com

From: [Mass Audubon](#) on behalf of [Lisa Moranski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:21:01 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lisa Moranski
PO Box 1357
Wellfleet, MA 02667
(802) 380-5724
lisa.moranski@gmail.com

From: [Mass Audubon](#) on behalf of [Christine Kelly](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:20:59 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Christine Kelly
241 Capn Capn Crosby Rd
Centerville, MA 02632
(508) 577-4326
clk5clk@aol.com

From: [Mass Audubon](#) on behalf of [Emily Letendre](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:20:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Emily Letendre
P.O. Box 553
Truro, MA 02666
(508) 942-4154
emilyletendre@gmail.com

From: [Mass Audubon](#) on behalf of [Alex Kent](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:20:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Alex Kent
246 baker ave
Wellfleet, MA 02667
(917) 776-1100
alexkent212@gmail.com

From: [Mass Audubon](#) on behalf of [Caroline Wenck](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:20:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Caroline Wenck
42 chapel st
Northampton, MA 01060
(413) 559-7811
katiesnana1@verizon.net

From: [Mass Audubon](#) on behalf of [Julian Hammer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:20:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Julian Hammer
249 Huron Ave
Cambridge, MA 02138
(617) 234-0047
juliankhammer@gmail.com

From: [Mass Audubon](#) on behalf of [Margaret Tuten](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 10:20:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Margaret Tuten
14 Marchant Avenue
Hyannis Port, MA 02647
(610) 331-3002
gt@gerrytuten.com

From: [Mass Audubon](#) on behalf of [David Parks](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:55:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Parks
34 Glassworks
Berkshire, MA 01224
(413) 822-0774
dep3wms@gmail.com

From: [Mass Audubon](#) on behalf of [Gretchen Cass](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:55:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Gretchen Cass
6 Wintergreen Circle
Southwick, MA 01077
(413) 569-0040
pipettecass@comcast.net

From: [Mass Audubon](#) on behalf of [Elizabeth Grinspoon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:51:05 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Elizabeth Grinspoon
110 Woodland Road
Auburndale, MA 02466
(617) 599-2595
lizgrinspoon@gmail.com

From: [Mass Audubon](#) on behalf of [Heidi Howarf](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:50:59 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I studied horseshoe crabs with the Marine Biological Laboratory in Woods Hole in the mid-80's and played a key role in field research on their egg-laying behavior. It is truly horrible to see the tremendous decline in their population since then. These animals are completely vulnerable during egg-laying, and could simply be scooped up to extinction in a few years if harvesting is allowed while they are laying and fertilizing their eggs. Let's learn from our other mistakes in over-"harvesting" species that humans rely upon to the point of extinction, and put safeguards in place to protect this valuable living fossil species.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Heidi Howarf
8 High Ridge Road Ectemdion
Truro, MA 02666
(617) 807-0525
heidi.a.howard@gmail.com

From: [Mass Audubon](#) on behalf of [Sheila Parks](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:50:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sheila Parks
34 Glass Works Rd
Berkshire, MA 01224
(413) 329-7881
dpandshe@gmail.com

From: [Mass Audubon](#) on behalf of [Susaan Straus](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:50:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susaan Straus
23 Valley spring Rd
Newton, MA 02458-2712
(617) 894-5575
chilefarms@mac.com

From: [Mass Audubon](#) on behalf of [Beth Trahan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:50:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Beth Trahan
3440 State Hwy
Eastham, MA 02642
(508) 255-5323
b.trahan255@gmail.com

From: [Mass Audubon](#) on behalf of [Barbara Fallon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:20:56 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Barbara Fallon
P. O. Box 1986
Orleans, MA 02653
(508) 255-0105
bfallon50@yahoo.com

From: [Mass Audubon](#) on behalf of [Betty Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 9:20:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Betty Smith
18 Duchess Ave
North Middletown, NJ 07748
(732) 497-7680
bnb262@verizon.net

From: [Mass Audubon](#) on behalf of [Regina Wood](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 8:55:49 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Regina Wood
30 CLEAR BROOK RD
West Yarmouth, MA 02673
(508) 776-7798
monaction@hotmail.com

From: [Mass Audubon](#) on behalf of [Licia Rando](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 8:50:52 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

In addition, there are synthetics available to these companies that do not necessitate using these eco-vital creatures. We are all organisms on this earth. We need to care for these creatures as it affects our survival.

Thank you.
Licia Rando

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Licia Rando

23 colburn drive
Sharon, MA 02067
(781) 782-6052
licia@randos.net

From: [Mass Audubon](#) on behalf of [Andrea Petitto](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 8:20:51 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Andrea Petitto
11 Blue Heron Lndg
Harwich, MA 02645
(508) 432-6004
alpet1@mac.com

From: [Mass Audubon](#) on behalf of [John Knies](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 8:20:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

We need regulations that protect horseshoe crabs. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Knies
10 E St
S. Wellfleet, MA 02663
(203) 988-6603
certileman@comcast.net

From: [Mass Audubon](#) on behalf of [Philip Wilson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 8:20:49 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Philip Wilson
34 Bradford Street
Provincetown, MA 02657
(617) 306-1715
philipgwilson@hotmail.com

From: [Mass Audubon](#) on behalf of [David Hale](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:50:52 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts needs to immediately update its horseshoe crab harvesting regulations and this action is long overdue. We seriously lag other Atlantic coast states which have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to step up.

Biomedical harvest on Cape Cod has increased with new operations in Harwich and the practice of bait harvest of horseshoe crabs is simply wrong. The bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning but it's illegal to take females with eggs in the lobster and crab fisheries. How does that difference in harvesting regs exist or make any sense? It's time to change that now.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Hale
36 Shank Painter Rd, Unit #19
Provincetown, MA 02657
(508) 207-5812
dhaleptown@gmail.com

From: [Mass Audubon](#) on behalf of [Jennifer Crowley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:50:47 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jennifer Crowley
169 Great Fields Rd
Brewster, MA 02631
(860) 604-0867
jlcrowley@gmail.com

From: [Mass Audubon](#) on behalf of [Tim Crowley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:50:47 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Tim Crowley
169 greatfields rd
Brewster, MA 02631
(860) 604-8267
ttcrowley1957@gmail.com

From: [Mass Audubon](#) on behalf of [Anne Saimeri](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:50:47 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Anne Saimeri
29 pond rd
Orleans, MA 02653
(413) 335-3654
saimeri6@comcast.net

From: [Mass Audubon](#) on behalf of [Cindy Doherty](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:50:46 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cindy Doherty
26 sequatton Lane
Harwich Port, MA 02646
(508) 240-8193
dohertyclan@verizon.net

From: [Mass Audubon](#) on behalf of [Guy Rotella](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:50:45 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Guy Rotella
3 Gilmore Rd
Belmont, MA 02478
(617) 489-2895
g.rotella@neu.edu

From: [Mass Audubon](#) on behalf of [Philip Fingado](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:50:45 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Philip Fingado
241 Capn Crosby Rd
Centerville, MA 02632
(248) 802-9928
pafingado66@yahoo.com

From: [Mass Audubon](#) on behalf of [Luminita velicanu](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:20:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Chances are that by implementing these measures, the numbers of now threatened HC will increase and everybody will benefit from it. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Luminita velicanu
42 Maurice Street
Medford, MA 02155
(978) 204-9354
luminitavelicanu@gmail.com

From: [Mass Audubon](#) on behalf of [Patricia Tworek](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 7:20:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts must enact updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. I have personally witnessed this. When I first moved to Massachusetts I volunteered with MA Audubon to help conduct the spring horseshoe crab counting. The numbers dropped year after year. The horseshoe crab is an amazing creature and yet MA allows bait and blood harvesting at rates which will decimate the population - much like the near extinction of the species in Delaware. Both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June.

Other Atlantic coast states have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. I understand the benefits of this practice, but unless a crab is tagged or otherwise identified as having been bled, that crab could easily be bled several times leading to its death. What happens to the biomedical benefits of horseshoe crab blood then, when there are none left to bleed? Could the bait and blood harvesters work together so that an individual crab could be bled and then used for bait? Would that not create an overall drop in harvesting?

We humans take from this world often with little thought to the end result of our lack of responsibility to a species. In your position, you have the opportunity to enact protections through reasonable legislation. Please do so with respect to the horseshoe crab.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Patricia Tworek
8 Joe Lincoln Road
West Harwich, MA 02671
(508) 430-1073
ptworek@comcast.net

From: [Mass Audubon](#) on behalf of [Ellen Russell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:55:48 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Ellen Russell
10 Apple Hill Road
Wilbraham, MA 01095
412447137
ekrussell@charter.net

From: [Mass Audubon](#) on behalf of [Carol Lazarus](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:50:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carol Lazarus
304 School Street
Watertown, MA 02472
(617) 549-0754
clazarus@comcast.net

From: [Mass Audubon](#) on behalf of [Jillian Lucchini](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:50:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jillian Lucchini
Po Box 1073
Nantucket, MA 02554
(978) 996-1117
jillianmaedrury@gmail.com

From: [Mass Audubon](#) on behalf of [Rachel Bramson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:50:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Protect our horseshoe crabs. They are beautiful and meaningful in their own right. They deserve to survive and thrive and they are critical to the health of our ecosystem.

Human profit should take third place. Correct the injustice to this ancient and wonderful life form that adds so much to our lives.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Rachel Bramson

49 Pheasant Run
Wellfleet, MA 02667-7027
(979) 575-9514
rbramson49@gmail.com

From: [Mass Audubon](#) on behalf of [Jacqueline Sheffer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:50:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jacqueline Sheffer
135 Van Aernem Rd
Ballston Spa, NY 12020
(518) 466-5520
cjoj135@gmail.com

From: [Mass Audubon](#) on behalf of [Mary Keleher](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:50:41 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Mary Keleher
30 Pequot Rd
Mashpee, MA 02649
(508) 477-1474
bailey90@yahoo.com

From: [Mass Audubon](#) on behalf of [Nancy Turnbull](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:50:41 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am writing to ask you to take action to protect horseshoe crabs. These amazing creatures have long been fascinating to me, and even more so to my daughter, whose love of science and biology was sparked in part by studying horseshoe crabs on Cape Cod.

Local populations of this incredible species have become seriously depleted in Massachusetts. It's time that we join other Atlantic coast states like New Jersey and South Carolina, which have much stronger protections in place for horseshoe crabs.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I support the proposed regulation changes. In fact, I hope that the Division of Marine Fisheries will take even stronger action and phase out bait harvest entirely, as has been done in other states. Please protect horseshoe crabs, for me, for my daughter, and for all future generations!

Sincerely,

Nancy Turnbull
26 Francis Street
Brookline, MA 02446

nturnbull@aol.com

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Turnbull
26 Francis Street
Brookline, MA 02446
(617) 739-7410
nturnbull@aol.com

From: [Mass Audubon](#) on behalf of [Robert Bender](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:25:44 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Robert Bender
20 Steven Drive
West Yarmouth, MA 02673
(508) 258-0652
bendsinister@comcast.net

From: [Mass Audubon](#) on behalf of [Daniel Bello](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 6:20:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Daniel Bello
17 Tanager Road
Hyannis, MA 02601
(908) 391-6130
campcold@comcast.net

From: [Mass Audubon](#) on behalf of [Susan Bedford](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 5:20:32 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Susan Bedford
150 Aldershot Ln
Carlisle, MA 01741
(339) 221-4001
eilidhbedford@gmail.com

From: [Mass Audubon](#) on behalf of [Michelle Silvia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 1:20:12 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 30, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Michelle Silvia
8 Slab Bridge Road
ASSONET, MA 02702
(401) 529-4783
michellesilvia51@gmail.com

From: [Mass Audubon](#) on behalf of [Jennifer Waitkevich](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:20:07 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jennifer Waitkevich
6 Spanish River Road
Grafton, MA 01519
(508) 320-7628
jenwait@verizon.net

From: [Mass Audubon](#) on behalf of [Nora Huvelle](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 30, 2023 12:20:06 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nora Huvelle
150 somerset st
Belmont, MA 02478
(617) 794-8511
nhuvelle@mac.com

From: [Mass Audubon](#) on behalf of [Brittany Garrard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 11:50:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Brittany Garrard
17 Cliff St
Melrose, MA 02176
(978) 806-5599
brittgrant6@gmail.com

From: [Mass Audubon](#) on behalf of [Sharon Gill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 11:50:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Sincerely,
Sharon Gill
Orleans, MA

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sharon Gill
7 portside lane
Orleans, MA 02662
(973) 610-9720

sgrimmgill@me.com

From: [Mass Audubon](#) on behalf of [Grace Galvin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 11:50:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I have been beachcombing in my neighborhood for the last 11 years. I can personally attest to seeing a drastic decline in our local horseshoe crab population.

As stewards of the state's resources, we have a duty to protect them for future generations. Some things we can't do anything about but this we can and should address NOW while we can make a difference. I implore you to do the right thing and help ensure these creatures' survival into the next century.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Grace Galvin
134 Salten Point Rd
Barnstable, MA 02630-1125
(508) 744-7304
tobuy58@mac.com

From: [Mass Audubon](#) on behalf of [Joshua Nelson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 11:25:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joshua Nelson
24 Wyman Road
Dracut, MA 01826
(978) 967-0973
joshua.nelson.direct@gmail.com

From: [Mass Audubon](#) on behalf of [Nancy Callahan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 11:25:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Callahan
769 spring st
North Dighton, MA 02764
(617) 462-3549
nanspring@comcast.net

From: [Mass Audubon](#) on behalf of [Danielle Orcutt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:49:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Danielle Orcutt
47 forest way
Orleans, MA 02653
(508) 255-4266
danielleorcutt47@gmail.com

From: [Mass Audubon](#) on behalf of [Corinne Demas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:19:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Corinne Demas
73 High Point Drive
Amherst, MA 01002
(413) 256-8796
cmdemas@gmail.com

From: [Mass Audubon](#) on behalf of [Allison Mooney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:49:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Allison Mooney
7 Upland Ave
Shrewsbury, MA 01545
(774) 232-6578
allison.mooney@rocketmail.com

From: [Mass Audubon](#) on behalf of [Tracy Darpino](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:49:52 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Tracy Darpino
72 springfield avenue
marshfield, MA 02050
(617) 519-7271
thefitnessfactor@yahoo.com

From: [Mass Audubon](#) on behalf of [Matthew Roehrig](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:49:51 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Matthew Roehrig
73 High Point Dr
Amherst, MA 01002-1223
(413) 575-2922
mgroehrig@gmail.com

From: [Mass Audubon](#) on behalf of [George Wey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:19:52 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. George Wey
16 Rebecca's Landing
Plymouth, MA 02360
(781) 789-8005
geowey16@gmail.com

From: [Mass Audubon](#) on behalf of [Constance Otten](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:19:51 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Constance Otten
187 Paterson Ave
Midland Park, NJ 07432
(201) 444-9069
connicotn@yahoo.com

From: [Mass Audubon](#) on behalf of [Susan Ellis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:19:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration. We need to protect these amazing creatures that are so vital to our Ecosystem! It would be so nice if we stopped allowing them to be used as bait Period! Their numbers are so greatly diminished already. Used to see hundreds of them years ago. So amazing to see. Please protect them! Thank you! Susan

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Susan Ellis
149 North Washington street
Norton, MA 02766

(508) 813-4825
susan_pat3@yahoo.com

From: [Mass Audubon](#) on behalf of [Jennifer Tribou](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:19:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jennifer Tribou
5 Carver Street
Buzzards Bay, MA 02532
(508) 574-2332
jtribou@mac.com

From: [Mass Audubon](#) on behalf of [Meryl Brown](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:19:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Meryl Brown
4 Locust Lane
East Sandwich, MA 02537
(617) 943-9321
merylsbrown@gmail.com

From: [Mass Audubon](#) on behalf of [Suzanne Ryan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:55:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Suzanne Ryan
90 Pleasant Pt Rd, PO box 93
South Wellfleet, MA 02663
(774) 208-8627
suzeryan01@gmail.com

From: [Mass Audubon](#) on behalf of [Kathleen Zekoll](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:19:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathleen Zekoll
32 Garrison St, Apt 50308
Boston, MA 02116
(347) 834-3953
kzekoll@gmail.com

From: [Mass Audubon](#) on behalf of [Mie Abe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:19:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mie Abe
19 Sunset Road
Watertown, MA 02472
(617) 923-1986
mie_abe@yahoo.com

From: [Mass Audubon](#) on behalf of [Carol Molander](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:19:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carol Molander
4 Jenna Dr
Marion, MA 02738-5101
(508) 748-3759
cbmolander@gmail.com

From: [Mass Audubon](#) on behalf of [Alex Clark](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:19:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Alex Clark
15 Coolidge Way
Dennis, MA 02638
(508) 735-8232
alexintfabric@hotmail.com

From: [Mass Audubon](#) on behalf of [Margaret Vernon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:49:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Margaret Vernon
115 Keller Dr.
Fonda, NY 12068
(518) 853-8614
vernon.margaret0@gmail.com

From: [Mass Audubon](#) on behalf of [David Sylvia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:49:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Sylvia
18 Standish way
West Yarmouth, MA 02673
(508) 560-3240
bird1933@gmail.com

From: [Mass Audubon](#) on behalf of [CYNTHIA STIVERS](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:49:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. CYNTHIA STIVERS
82 Deer Jump Hill Rd
West Barnstable, MA 02668
(774) 994-8367
cyndi.stivers@gmail.com

From: [Kristen Eaton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:47:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Personally, I have seen the depletion of horseshoe crabs, literally overnight in Loagie Bay, Wellfleet. There are days while working the oyster grant that 100s of horseshoe crabs are walking around us and over our feet. The next day, there is no trace of them because the boat has come and taken them away. It's time to help these ancient critters.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Kristen Eaton

16 Mariner Road

Dennis, MA 02638

keatonv31@gmail.com

From: [Mass Audubon](#) on behalf of [Michelle Parsons](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:24:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Michelle Parsons
23 wells ave
Georgetown, MA 01833
(781) 324-2702
michelleparsons67@yahoo.com

From: [Mass Audubon](#) on behalf of [Anna Carney-Melcher](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:19:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

When I first visited there were so many horseshoe crabs and now I'm lucky to see one or two. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Anna Carney-Melcher
403 South Orleans Rd
South Orleans, MA 02662
(805) 379-4338
annacarneymelcher@gmail.com

From: [Mass Audubon](#) on behalf of [Annie Hooper](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:19:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Please phase out the bait harvest to ensure the longevity of a species that has been on the planet long before us.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Annie Hooper
77 Martin Street Apt 38
Cambridge, MA 02138
(781) 635-7396

achoop11@gmail.com

From: [Mass Audubon](#) on behalf of [Deborah Foley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:19:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deborah Foley
4 Albano St.
Roslindale, MA 02131
(617) 967-6914
dfoley2520@gmail.com

From: [Mass Audubon](#) on behalf of [Judith Wallace](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:19:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Judith Wallace
36 Woburn st
Medford, MA 02155
(781) 396-2526
nujude@gmail.com

From: [Mass Audubon](#) on behalf of [Gretchen Dietrich](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:49:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is far overdue for critical updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Gretchen Dietrich
PO Box 15
Monument Beach, MA 02553
(508) 759-0014
gsdietrich@earthlink.net

From: [Mass Audubon](#) on behalf of [Susan Lalli](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:49:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Susan Lalli
40 Cobbett Lane
Eastham, MA 02642
(774) 271-0206
susan.lalli@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Eldridge](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:49:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Karen Eldridge
37 Princess Rd
Newton, MA 02465-1636
(617) 332-2346
koeldridge@verizon.net

From: [Mass Audubon](#) on behalf of [Donna Everstz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:24:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Donna Everstz
PO Box 1568
Provincetown, MA 02657
(508) 237-6142
deverstz@msn.com

From: [Mass Audubon](#) on behalf of [Alice Kelley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:19:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Horseshoe crabs, which were abundant when I was a child, growing up on Cape Cod, are seldom seen by today's children. They are crucial to the larger environment and using them for bait is madness. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Alice Kelley
8 Osprey Lane
Harwich, MA 02645
(774) 237-0093

smallvbk@gmail.com

From: [Mass Audubon](#) on behalf of [Edward Grund](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:19:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Edward Grund
17 Timberedge Road
Stow, MA 01775
(978) 898-2720
quampro@gmail.com

From: [Mass Audubon](#) on behalf of [Rachel Wojciak](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:19:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Rachel Wojciak
14 Julia Court
Harwich, MA 02645
(860) 929-6486
rachelwojciak34@gmail.com

From: [Mass Audubon](#) on behalf of [Asher Johnson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:19:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Asher Johnson
156 Pleasant Point Rd
Wellfleet, MA 02667
(646) 725-2276
asherwajohnson@gmail.com

From: [Mass Audubon](#) on behalf of [Kelly Pillsbury](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:19:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kelly Pillsbury
277 Beeden Rd
Westport, MA 02790
(508) 636-0676
kellypillsbury@yahoo.com

From: [Mass Audubon](#) on behalf of [Jill Mastrototaro](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:19:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As someone who grew up exploring and enjoying Cape Cod's beaches, and still do to this day, I'm urgently asking you to immediately take action to improve regulations to ensure healthy horseshoe crab populations.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Jill Mastrototaro
1755 Barnes Rd

Canton, MS 39046
(504) 481-3659
jmastrototaro2@gmail.com

From: [Mass Audubon](#) on behalf of [Debbora Fuchs](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:49:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Debbora Fuchs
4 Quail Run Road
Edgartown, MA 02538
(508) 687-9757
daefl@yahoo.com

From: [Mass Audubon](#) on behalf of [William Hearn](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:49:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

THERE ARE ECONOMICALLY VIABLE ALTERNATIVES TO HORESESHOE CRAB BLOOD FOR THE ASSESSMENT OF THE PURITY OF PHARMACEUTICAL PRODUCTS. PLEASE HELP CONSERVE OUR STOCK OF HORSESHOE CRABS. OTHER Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. William Hearn
School street
Marstons Mills, MA 02648
(774) 361-6918
billhearn9@yahoo.com

From: [Mass Audubon](#) on behalf of [Jennifer Luebke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:49:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I remember 20-30 years ago I would walk the beaches of Cape Cod and the South Shore and see lots of live horseshoe crabs. Fascinating animals and a link to the past I was thrilled to watch them. Now, when I walk these same beaches with my grandkids we never see live horseshoe crabs- just the occasional broken shell of one. Please do the right thing for this species and give them a chance to come back- they have a right to be on this earth just as we do. THANK YOU!

FORM:

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Jennifer Luebke
144 Sonoma Rd.
Quincy, MA 02171
(617) 645-7825
jluebke@bu.edu

From: [Mass Audubon](#) on behalf of [Michele Couture](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:49:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Michele Couture
1 Harry Kemp Way
Provincetown, MA 02657
(508) 685-9596
mgcouture@msn.com

From: [Mass Audubon](#) on behalf of [Melissa Winters](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:49:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Over the years I have seen fewer and fewer live horseshoe crabs on the beaches and in the estuaries of Cape Cod. Now I only see dead ones washing up on shore. They need more protection immediately.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Melissa Winters
251 old wharf rd
Dennis Port, MA 02639
(413) 522-4572
melissa1wine@yahoo.com

From: [Mass Audubon](#) on behalf of [Thorne Sparkman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:19:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Dear Mr. McKiernan -

Though I teach Medicine at the University of Pennsylvania, Massachusetts is really home for the Sparkman family.

I am frustrated by the continued overfishing of the horseshoe crab, for both commercial bait and commercial medical reasons.

It's particularly embarrassing that my neighbors both to the East (New Jersey) and South (Maryland) have gotten ahead of us in protecting these ancient creatures.

The migratory birds and I hope you will be able to effect similar changes in Eastern Massachusetts. We will be grateful!

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Thorne Sparkman
117 Salt Marsh Way
North Chatham, MA 02650
(215) 317-2972
thorne.sparkman@pennmedicine.upenn.edu

From: [Mass Audubon](#) on behalf of [Nancy Barnett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:19:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Nancy Barnett
34 Depot Avenue
Falmouth, MA 02540
(559) 349-4111
barnettnk@aol.com

From: [Mass Audubon](#) on behalf of [Barbara Strell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:19:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

The practice of bait harvest of horseshoe crabs target female horseshoe crabs, with eggs, while they are spawning in May and June.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration. At least 11 species of migratory birds use horseshoe crab eggs as a food supply during northern migration.

Horseshoe crab blood is used to test new medicines and vaccines. We cannot let these animals go extinct.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Barbara Strell
59 Sterling St
WEST SOMERVILLE, MA 02144
(617) 718-1780
strell@rcn.com

From: [Mass Audubon](#) on behalf of [Amy Todd](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:19:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amy Todd
1027 Massachusetts Ave
North Adams, MA 01247
(413) 346-4118
atodd001@gmail.com

From: [Mass Audubon](#) on behalf of [Apryl Sahadi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:19:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Apryl Sahadi
95 Park St
North Reading, MA 01864
(978) 884-0868
thisgirllovesmovies@gmail.com

From: [Mass Audubon](#) on behalf of [Cathy Cosgrove](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:19:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cathy Cosgrove
405 El Camino Real #106
Menlo park, CA 94025
(323) 459-1022
cathybosla19@gmail.com

From: [Mass Audubon](#) on behalf of [Dallas Huggins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 5:19:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Dallas Huggins
3 Sherwood Lane
Nottingham, NH 03290
(925) 451-7112
dallas.a.huggins@gmail.com

From: [Mass Audubon](#) on behalf of [Margo Jansen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I have a personal reasons for wanting to protect horseshoe crabs. I am alive because of their biomedical use and my children and I have enjoyed seeing them in Wellfleet bay and collecting molts. I was also an intern for the Smithsonian in Maryland many years ago and remember seeing hundreds of them along the shore. It's now a treat to find one that is still alive.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Margo Jansen
30 Moody Bridge Rd
Hadley, MA 01035
(413) 588-4852
mjansen4@yahoo.com

From: [Mass Audubon](#) on behalf of [Carole Robbins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

It seems very short-sighted to target females at all and to waste such a valuable resource on bait. Next thing we know, it will be racing with 'too little too late' measures to save them the way we are not with Right Whales. Now it the time to restrict the killing of horseshoe crabs while there is still time.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carole Robbins
7 Kyle Way
North Truro, MA 02652
(412) 414-1103
research@activefocus.com

From: [Mass Audubon](#) on behalf of [Robin Melavalin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Robin Melavalin
48 Pattee Rd
East Falmouth, MA 02536-5041
(617) 780-5362
robinoutdoors@gmail.com

From: [Mass Audubon](#) on behalf of [Jenna Medeiros](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jenna Medeiros
20 Ruth Avenue
Peabody, MA 01960
(978) 535-8708
jdamico06@aol.com

From: [Mass Audubon](#) on behalf of [Susan Cayleff](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Susan Cayleff
25 Old Shore Road
Falmouth, MA 02540
(619) 884-5946
cayleff@sdsu.edu

From: [Mass Audubon](#) on behalf of [Dina Tedeschi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Dina Tedeschi
25 Morgan St
Worcester, MA 01606
(774) 272-2675
dltedeschi@aol.com

From: [Mass Audubon](#) on behalf of [Patricia Palmer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Patricia Palmer
16 Mead St
Cambridge, MA 02140-2014
(617) 501-7862
pepalmer501@gmail.com

From: [Mass Audubon](#) on behalf of [Sandra Gillis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Sandra Gillis
415 Greenlodge st
Dedham, MA 02026
(781) 467-1272
sjgillis415@gmail.com

From: [Mass Audubon](#) on behalf of [Amy Burke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Amy Burke
38 Daleys Ter
Orleans, MA 02653
(508) 401-7994
burkeamy2014@gmail.com

From: [Mass Audubon](#) on behalf of [Brendan Mushroe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Brendan Mushroe
10 Schueler Blvd
Provincetown, MA 02657
(508) 221-6369
bmushroe90@gmail.com

From: [Mass Audubon](#) on behalf of [Melissa Aldrich](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:49:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Melissa Aldrich
9 Vinton Rd
Holland, MA 01521
(413) 219-2418
melcaldrich@gmail.com

From: [Mass Audubon](#) on behalf of [Becca Cusick](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:24:52 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Becca Cusick
85 Washington Street
Plainville, MA 02762
(40-)451-6541
bcc.pg.csck@gmail.com

From: [Mass Audubon](#) on behalf of [Jan Barris](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:24:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts has long been a leader in conservation and is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is barbaric and a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries. At a minimum, this legislation needs to be implemented, ideally, an outright ban on bait harvesting should be the goal of Massachusetts.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jan Barris
22 Franklin St
Braintree, MA 02184
(781) 856-8748

jbarris79@outlook.com

From: [Mass Audubon](#) on behalf of [William P. Brotherton M.D.](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:24:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. William P. Brotherton M.D.
17 Blue Rock Rd.
Orleans, MA 02653
(508) 255-2516
broton@alum.mit.edu

From: [Mass Audubon](#) on behalf of [Talía Cataldo](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:24:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Talía Cataldo
62 Tracy Ln
Mashpee, MA 02649
(774) 238-1885
taliacataldo@yahoo.com

From: [Mass Audubon](#) on behalf of [Sabine DeVoe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:24:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Both my husband and I grew up in Massachusetts and in 2015 we achieved a life long goal of purchasing a home in Eastham, MA. We both grew up with a deep and abiding love of the beautiful beaches in Massachusetts and particularly the National Seashore. Please do everything you can to preserve horseshoe crab populations! They are an amazing creature and deserve to be protected at all costs. What a tragedy it would be if this ancient sea life would disappear because we lost sight of their importance and their unique place in the ecosystem.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Sabine DeVoe
3207 Fairplay Ct
Fort Collins, CO 80526
(970) 222-7546
skdevoe@gmail.com

From: [Mass Audubon](#) on behalf of [Jacqueline Turner](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As a wildlife biologist, birder, and frequent visitor to Cape Cod, I think Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jacqueline Turner
23515 Treeview Trail
Los Gatos, CA 95033
(408) 442-5389
jturner95014@comcast.net

From: [Mass Audubon](#) on behalf of [Maryellen Lorefice](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Maryellen Lorefice
32 Old Carriage Drive
East Harwich, MA 02645
(774) 408-7490
maryellenlorefice@gmail.com

From: [Mass Audubon](#) on behalf of [Emily Weisgrau](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Emily Weisgrau
PO Box 267
Truro, MA 02666
(610) 291-6677
emilyweisgrau@gmail.com

From: [Mass Audubon](#) on behalf of [Jennifer Carey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jennifer Carey
200 Woodview Way
Watertown, MA 02472
(978) 512-1130
fusconator@gmail.com

From: [Mass Audubon](#) on behalf of [Joanne Wuschke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Joanne Wuschke
145 Pinckney Street, Apt 122
Boston, MA 02114
(508) 284-9304
jwmeadowlark@gmail.com

From: [Mass Audubon](#) on behalf of [Diane Lewellen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Diane Lewellen
9 Main St. Apt3L
Orleans, MA 02653
(413) 854-7866
lewdia@gmail.com

From: [Mass Audubon](#) on behalf of [Jim Campen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

[NOTE: This is obviously a form letter, but I have carefully read it, and fully endorse what it has to say. Jim Campen, Cambridge and Wellfleet]

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Jim Campen
17 Kelly Road
Cambridge, MA 02139

(617) 669-3908
jimcampen@gmail.com

From: [Mass Audubon](#) on behalf of [Deborah Hayden](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deborah Hayden
PO BOX 976
N FALMOUTH, MA 02556
(508) 274-2820
shaferhayden@gmail.com

From: [Mass Audubon](#) on behalf of [Philip Baimas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Philip Baimas
6 Colonial Rd.
Hingham, MA 02043
(781) 749-2191
phil.baimas@gmail.com

From: [Mass Audubon](#) on behalf of [Barbara Gionet Hasson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Barbara Gionet Hasson
15 Keith Way
Eastham, MA 02642
(416) 393-1692
bgionet.hasson@gmail.com

From: [Mass Audubon](#) on behalf of [Craig Oliveira](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Craig Oliveira
9 Uncle Vick's Way
Orleans, MA 02653
(774) 644-0139
craig.j.oliveira@gmail.com

From: [Mass Audubon](#) on behalf of [Judy Taylor](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Judy Taylor
135 Coles Neck Rd
Wellfleet, MA 02667-7022
(508) 349-3527
parrisjt@hotmail.com

From: [Mass Audubon](#) on behalf of [jacqueline kinnaman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 4:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I think Massachusetts should be consistent with other Atlantic states in protecting horse shoe crabs.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. jacqueline kinnaman
100 Armour Dr.
Eastham, MA 02642
(773) 369-2277

jkinnaman@msn.com

From: [Mass Audubon](#) on behalf of [Joseph McGurrin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:54:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joseph McGurrin
401 Annette Ave
Stevensville, MD 21666
(410) 490-0570
joemcgurrin1@gmail.com

From: [Mass Audubon](#) on behalf of [Judy Burke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:49:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Judy Burke
3125 Sir Francis Drake Blvd
Fairfax, CA 94930
(203) 470-5255
judyb345@gmail.com

From: [Mass Audubon](#) on behalf of [carol wright](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:49:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. carol wright
49 ruggles road
orleans, MA 02653
(774) 207-0818
carol51wright@comcast.net

From: [Mass Audubon](#) on behalf of [Petra Reitz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:49:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Petra Reitz
1410 Washington St
East Bridgewater, MA 02333
(339) 832-0152
petra_r_@hotmail.com

From: [Mass Audubon](#) on behalf of [Amy Archer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:49:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

We owe it to children and the beauty of Cape Cod Bay to help these magnificent creatures continue to live for millions of years more

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amy Archer
P.O. Box 12
Ardsley on Hudson, NY 10503
(646) 457-2575

amyarcher727@gmail.com

From: [Mass Audubon](#) on behalf of [Christine Gordon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:49:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Christine Gordon
21 Boxwood Circle
Yarmouth Port, MA 02675
(508) 737-3832
lcgord@comcast.net

From: [Mass Audubon](#) on behalf of [Judith Pederson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:49:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Protection of horseshoe crabs is long overdue. We are wasting an ancient and valuable organism of our coastal environment. To allow horseshoe crabs to be used as fishing bait is a travesty and there is evidence that crabs which have blood drawn from them for medical purposes and released in the ocean are not surviving as promised. Please adopt regulations that protect horseshoe crabs.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Judith Pederson
275 sippewissett Road
Falmouth, MA 02540
(508) 540-3319
jpeterso@mit.edu

From: [Mass Audubon](#) on behalf of [Virginia Creamer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:49:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Virginia Creamer
15 Durfee Ct
Somerset, MA 02726
(508) 493-1879
virginiacreamer@gmail.com

From: [Mass Audubon](#) on behalf of [Vivien Goldman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:49:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Vivien Goldman
19 Conant Road
Chestnut Hill, MA 02467
(617) 699-8197
viviengoldman@comcast.net

From: [Mass Audubon](#) on behalf of [Virginia Palazzo](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:19:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Virginia Palazzo
60 Williams way
Wellfleet, MA 02667
(617) 697-6616
vhp49@gmail.com

From: [Mass Audubon](#) on behalf of [Mark Nagelhout](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:19:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I have been visiting Cape Cod for the greater part of 2 decades and support wildlife rehabilitation efforts in Massachusetts. We need to do more to protect all wildlife.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Mark Nagelhout
45 Park View Drive
Park Ridge, NJ 07656

(551) 579-8414
mnagelhout@optimum.net

From: [Mass Audubon](#) on behalf of [Linda McCann](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:19:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linda McCann
10 Maple Rd
Orleans, MA 02653-3107
(508) 277-4369
mccann.linda@gmail.com

From: [Mass Audubon](#) on behalf of [Mark Nagelhout](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I have been visiting Cape Cod for the greater part of 2 decades and support wildlife rehabilitation efforts in Massachusetts. We need to do more to protect all wildlife.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Mark Nagelhout
45 Park View Drive
Park Ridge, NJ 07656

(551) 579-8414
mnagelhout@optimum.net

From: [Mass Audubon](#) on behalf of [Eleanor Moody](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Eleanor Moody
230 Paine Hollow Rd
Wellfleet, MA 02667
(508) 246-2819
elliemoody@yahoo.com

From: [Mass Audubon](#) on behalf of [linda kleinhenz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. linda kleinhenz
153 All Angels Hill Rd
Wappingers Falls, NY 12590
(845) 297-1812
kleinhenzlinda@gmail.com

From: [Mass Audubon](#) on behalf of [Bertrand Boudier](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Bertrand Boudier
60 Newcomb Heights Road, PO Box 1541
Wellfleet, MA 02667
(774) 368-3701
bertrand.boudier@neuf.fr

From: [Mass Audubon](#) on behalf of [KRISTEN CLAYTON LAZUKA](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 3:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. KRISTEN CLAYTON LAZUKA
22 ERIE DR
HUDSON, MA 01749
(774) 249-4278
kmclayton1@msn.com

From: [Mass Audubon](#) on behalf of [Stephanie Ellis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 2:49:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Stephanie Ellis
69 Bakers Pond Rd.
Orleans, MA 02653
(650) 319-5931
stephanie@wildcarecapecod.org

From: [Mass Audubon](#) on behalf of [Kathleen Baillie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 2:19:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathleen Baillie
123 Cromesett Road
Wareham, MA 02571
(978) 551-4389
k.baillie@comcast.net

From: [Mass Audubon](#) on behalf of [Keith Hankowsky](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 2:19:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Keith Hankowsky
26 South Water Street, Apt 302
New Bedford, MA 02740
(267) 210-1403
khankowsky@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Fiske](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 1:49:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Karen Fiske
14 Waquoit Farms Drive
East Falmouth, MA 02536
(860) 550-3569
mberoz@gmail.com

From: [Mass Audubon](#) on behalf of [Taylor Mills](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 1:19:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Taylor Mills
139 Gorham Rd
Harwich Port, MA 02646
(508) 432-9057
tylrmills@yahoo.com

From: [Mass Audubon](#) on behalf of [Sandra Grund](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 12:54:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sandra Grund
17 Timberedge Road
Stow, MA 01775
(781) 439-5817
sgrund414@yahoo.com

From: [Mass Audubon](#) on behalf of [Kimberly Craig](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 12:49:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kimberly Craig
17 Ratchford St
Quincy, MA 02169
(774) 287-7836
kab6876@aol.com

From: [Mass Audubon](#) on behalf of [Vicky Sohn](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 12:49:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Vicky Sohn
Lake St
Vineyard Haven, MA 02568
(860) 887-8102
vickysohn@icloud.com

From: [Mass Audubon](#) on behalf of [Nancy Bailey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 12:49:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Nancy Bailey
260 Shirley Drive
Bellingham, MA 02019
(508) 269-7018
nab22@aol.com

From: [Mass Audubon](#) on behalf of [Peter Lawrence](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 12:49:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Peter Lawrence
11 Planters Neck Rd
Gloucester, MA 01930
(617) 875-9939
peter@biomimicryne.org

From: [Mass Audubon](#) on behalf of [Ross Doran](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 12:19:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Ross Doran
14 Thayer Street
Belmont, MA 02478
(978) 846-2551
ross@doran.com

From: [Mass Audubon](#) on behalf of [Peg Koller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 11:19:03 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Peg Koller
150 Leonard St
Gloucester, MA 01930
(262) 506-8963
pegkoller1021@gmail.com

From: [Mass Audubon](#) on behalf of [Annemarie OConnell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 11:18:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Annemarie OConnell
26 Champlain Road
Orleans, MA 02653
(646) 675-1299
amo.oconnell@gmail.com

From: [Mass Audubon](#) on behalf of [KATHERINE ALFORD](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 11:18:56 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I live on Blackfish Creek in Wellfleet and have seen a decrease in Horseshoe crabs spawning over the years. Please adapt these changes.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. KATHERINE ALFORD
156 Pleasant Point Road, PO 353
wellfleet, MA 02667
(917) 699-4551

katheralford@gmail.com

From: [Mass Audubon](#) on behalf of [Allison Harding](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:48:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Allison Harding
65 Crockett Rd
Milford, MA 01757
(774) 292-2286
towncountrypetsitters@gmail.com

From: [Mass Audubon](#) on behalf of [Nicholas Asreen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:48:52 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Nicholas Asreen
23 Rolfe Place
Metuchen, NJ 08840
(732) 423-4889
nasreen@udel.edu

From: [S.Brodeur](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:34:44 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Also, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations. Massachusetts has always been a proud leader on important issues and sets examples of good. New Jersey and

South Carolina have much stronger protections in place for horseshoe crabs. It's time for Massachusetts to follow suit or even have stronger protections in order for us to lead the way.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. The practice of bait harvest of horseshoe crabs is a relic. Both biomedical and bait harvesting target female

horseshoe crabs with eggs, while they are spawning in May and June. As we all are aware this practice depletes the numbers of horseshoe crabs. Why is it illegal to take females with eggs in

the lobster and crab fisheries but not for the horseshoe crabs?

Improved protection for horseshoe crabs can have additional ecological benefits as well. Shorebirds, including federally and state-listed threatened species, depend on horseshoe crab eggs during

spring migration. With so many animals on endangered and threatened lists now, we have the opportunity by taking action, to head off more animals from being added to the lists.

Again, I support the proposed regulation changes. My hope is to see the Division of Marine Fisheries to support the proposed changes and by phasing out bait harvest altogether. Other states

have phased out bait harvesting, shouldn't Massachusetts join them?

Thank you for considering my comments.

Sincerely,

Mrs Sharon Brodeur

217 Cocasset Street

Foxborough, MA 02035

sharonbrodeur@comcast.net

From: [Mass Audubon](#) on behalf of [Colleen Brandt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:18:56 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Colleen Brandt
7 Belmore Terrace
JAMAICA PLAIN, MA 02130
(856) 419-9025
colleen.t.brandt@gmail.com

From: [Mass Audubon](#) on behalf of [Macy Zartarian](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:18:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Macy Zartarian
302 S College Ave
Fort Collins, CO 80524
(508) 360-6841
mdzartarian@gmail.com

From: [Mass Audubon](#) on behalf of [Rachel Bratton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:18:51 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Rachel Bratton
311 E St
South Boston, MA 02127
(978) 831-3012
rachel_bratton96@yahoo.com

From: [Mass Audubon](#) on behalf of [Linnet Tse](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 10:18:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linnet Tse
90 South St
South Dennis, MA 02660
(914) 806-1192
linnet.tse@gmail.com

From: [Mass Audubon](#) on behalf of [Margaret Brady](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:54:10 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Margaret Brady
8 Bittersweet Road
Gloucester, MA 01930
(978) 283-7070
mmbrady54@msn.com

From: [Mass Audubon](#) on behalf of [Molly Burke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:54:09 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Molly Burke
3960 46th St
Queens, NY 11106
(203) 648-8957
mollyburke520@gmail.com

From: [Mass Audubon](#) on behalf of [Cynthia Kinnan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:48:48 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Cynthia Kinnan
156 George St
Medford, MA 02155
(617) 627-3138
cynthia.kinnan@gmail.com

From: [Mass Audubon](#) on behalf of [Cathy Fleck](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:48:48 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Cathy Fleck
100 Old High Toss Bridge Road
Wellfleet, MA 02667
(845) 616-9738
cathymfleck@gmail.com

From: [Mass Audubon](#) on behalf of [Mark Parsloe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:48:46 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Mark Parsloe
79 South St
Mansfield, MA 02048
(857) 212-6621
mparsloe@gloucesterbuilders.com

From: [Mass Audubon](#) on behalf of [Erin Lefkowitz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:48:46 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Erin Lefkowitz
25 linden ct
Clifton park, NY 12065
(518) 383-2567
erlefkowitz@gmail.com

From: [Mass Audubon](#) on behalf of [Edward Cunningham](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:48:46 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Edward Cunningham
40 Cotter Rd
Waban, MA 02468
(617) 384-8118
edward.a.cunningham@gmail.com

From: [Mass Audubon](#) on behalf of [Julia Lee Cunningham](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:18:45 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Julia Lee Cunningham
40 Cotter Road
Newton, MA 02468
(203) 331-5494
profjlee@umich.edu

From: [Mass Audubon](#) on behalf of [Christine Rostafin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:18:44 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Christine Rostafin
266 E. Berkeley st #728
Boston, MA 02118
(917) 304-5105
cstamp715@yahoo.com

From: [Mass Audubon](#) on behalf of [Kate Condon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:18:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kate Condon

47

East Sandwich, MA 02537

(802) 282-3915

traversekt@gmail.com

From: [Mass Audubon](#) on behalf of [Rene Befurt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:18:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I would like to encourage you to think about updates to the Massachusetts horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Rene Befurt
35 Lothrop Ln
West Barnstable, MA 02668
(857) 753-7531
befurtr@gmail.com

From: [Mass Audubon](#) on behalf of [Heather Burke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:18:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Heather Burke
186 Haggetts Pond Rd
Andover, MA 01810-4218
(774) 722-5762
heather@pipingploverlove.com

From: [Mass Audubon](#) on behalf of [Nathan Ives](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:18:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Nathan Ives
19R Norwood Avenue
Rockport, MA 01966
(978) 290-8622
nathan.w.ives@gmail.com

From: [Mass Audubon](#) on behalf of [Adam Ells](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 9:18:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit. Do you really want to be second to a state like South Carolina?

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Adam Ells
42 Ferry st
South Hadley, MA 01075
(413) 687-4625
adam.ells@colostate.edu

From: [Mass Audubon](#) on behalf of [Sharron Cohen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:54:07 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sharron Cohen
1041 Washington St
Gloucester, MA 01930
(978) 283-7223
sharronster@gmail.com

From: [Mass Audubon](#) on behalf of [Sydney Wedmore](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:48:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Sydney Wedmore
155 South St
Rockport, Massachusetts 01966, MA 01966
(617) 335-1799
sydneywedmore@comcast.net

From: [Mass Audubon](#) on behalf of [Mark Ciarcia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:48:41 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Mark Ciarcia
124 Greeley st
Manchester, NH 03102
(603) 718-0152
mciarcia121@gmail.com

From: [Mass Audubon](#) on behalf of [Janet Bolton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:48:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Janet Bolton
Box 471
West Falmouth, MA 03574
(774) 521-4080
jnetbolt@gmail.com

From: [Mass Audubon](#) on behalf of [Nancy Coleman-Murphy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:48:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Coleman-Murphy
60 Highland Ave
Bethel, ME 05217
(207) 890-1106
murphyn@gouldacademy.org

From: [Mass Audubon](#) on behalf of [Donna Cowin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:18:41 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Donna Cowin
109 Hemlock Rd
Roxbury, CT 06783
(203) 648-3883
dmcowin@gmail.com

From: [Mass Audubon](#) on behalf of [October Greenfield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:18:41 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. October Greenfield
341 Black Twig rd
Linden, VA 22642
(605) 987-0097
octoberxrose@gmail.com

From: [Mass Audubon](#) on behalf of [Ted Bradford](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:18:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Ted Bradford
26 Lee Street
Boston, MA 02130
(617) 504-0435
theobradford@gmail.com

From: [Mass Audubon](#) on behalf of [Max Carroll](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 8:18:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Max Carroll
210 Cornelia St
Boonton, NJ 07005
(973) 668-6799
maxwellmanhattan@gmail.com

From: [Mass Audubon](#) on behalf of [Colleen MacDonald](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:48:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Colleen MacDonald
23 Harborview Road
Hull, MA 02045
(617) 501-7626
colleen_macdonald@hotmail.com

From: [Mass Audubon](#) on behalf of [Susan Bernard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:23:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Bernard
P.O. Box 187
Chilmark, MA 02535
(508) 558-1092
sbernard9191@comcast.net

From: [Mass Audubon](#) on behalf of [David Beebe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:23:52 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. David Beebe
109 East Way
Camillus, NY 13031
(315) 488-3409
dwbeebe@verizon.net

From: [Mass Audubon](#) on behalf of [Peter Bernard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 7:18:33 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Peter Bernard
P.O. Box 187
Chilmark, MA 02535
(617) 331-7417
pjbernard104@gmail.com

From: [Mass Audubon](#) on behalf of [Janet Koza](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:48:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Dear Mr. McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Janet Koza

449 Elliott St.
Beverly, MA 01915
jpkoza@gmail.com

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Janet Koza
449 Elliott St
Beverly, MA 01915
(978) 578-2353
jpkoza@gmail.com

From: [Mass Audubon](#) on behalf of [Paula Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 6:48:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Paula Smith
113beechwood rd
Halifax, MA 02338
(782) 686-2012
iampksmith1@gmail.com

From: [Mass Audubon](#) on behalf of [Nolan Casimir](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 12:48:00 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Nolan Casimir
85 Riverfield Rd
Taunton, MA 02780
(508) 577-1000
nolangc73@gmail.com

From: [Mass Audubon](#) on behalf of [Julie Webster](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 29, 2023 12:17:54 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Julie Webster
5 Evergreen Drive, Apt 504
Plymouth, MA 02360
(774) 283-3647
webster.julied@gmail.com

From: [Mass Audubon](#) on behalf of [Kathy Fogle](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:47:46 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathy Fogle
5 Springtide Lane
Harwich, MA 02645
(401) 441-2978
kathyjfogle@gmail.com

From: [Mass Audubon](#) on behalf of [Catherine Littlefield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:47:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Catherine Littlefield
157 East 72nd St Apt 3A
New York, NY 10021
(203) 858-4755
catelittlefield@gmail.com

From: [Mass Audubon](#) on behalf of [Beth Cooper](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:17:46 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Beth Cooper
7
Gloucester, MA 01930
(978) 281-3324
bethccooper@comcast.net

From: [Mass Audubon](#) on behalf of [Lynn Shoreman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:17:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lynn Shoreman
34 Ticehurst Lane
Marblehead, MA 01945
(617) 519-3103
lshoreman34@gmail.com

From: [Mass Audubon](#) on behalf of [Cynthia Babaian](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:47:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cynthia Babaian
88 Tremont Street
Braintree, MA 02184
(781) 267-1308
littleblueheron@icloud.com

From: [Mass Audubon](#) on behalf of [Susan Littlefield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:47:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Littlefield
11 Holly Lane, P.O. Box 409
Cummaquid, MA 02637
(508) 362-2363
sshlittlefield@gmail.com

From: [Mass Audubon](#) on behalf of [Laura Clark](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:47:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Laura Clark
15 Coolidge Way
Dennis, MA 02638
(508) 212-1784
ncsuwolfe@yahoo.com

From: [Mass Audubon](#) on behalf of [Allen Dean](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:17:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations because local populations of this incredible species have become seriously depleted. Other Atlantic coast states, such as New Jersey and South Carolina, have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. The practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Both the bait and biomedical harvests target female horseshoe crabs with eggs while they are spawning in May and June. By comparison, lobster and crab fisheries cannot take females with eggs

Ecological benefits are derived from improved protection for horseshoe crabs. Shorebird species like the Red Knot -- federally and state-listed as threatened -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Allen Dean
12 Longbrook Rd
Byfield, MA 01922
(617) 335-5068
allen@allenwdean.com

From: [Mass Audubon](#) on behalf of [Carolyn Basler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:47:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Carolyn Basler
2285 County St.
East Taunton, MA 02718
(508) 880-3356
bluebirdfarms@comcast.net

From: [Mass Audubon](#) on behalf of [Gertrude Barden](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:47:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Gertrude Barden
19740 PINE VALLEY WAY
PORTER RANCH, CA 91326
(818) 366-1676
ggbarden2@aol.com

From: [Mass Audubon](#) on behalf of [Rosemary Reiss](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:17:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible ancient species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and Massachusetts should follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. The practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since some shorebird species, including some federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Rosemary Reiss
104 University Rd
Brookline, MA 02445
(617) 732-8033
reissacct1@gmail.com

From: [Mass Audubon](#) on behalf of [Roberta Wills](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:17:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Roberta Wills
PO Box 339
Marshfield, MA 02050
(339) 793-1642
jrwills4@msn.com

From: [Mass Audubon](#) on behalf of [Hilary Riley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:17:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Hilary Riley
340 Jones Road
Marstons Mills, MA 02648
(774) 238-0208
motherlovingnature@gmail.com

From: [Mass Audubon](#) on behalf of [Debby Walther](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:47:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Debby Walther
53 OVAL RD
Chatham, MA 02633
(617) 233-6811
debby.walther@comcast.net

From: [Mass Audubon](#) on behalf of [Gudrun Scheffler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:23:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Gudrun Scheffler
26 Bass River Lane
South Dennis, MA 02660
(203) 506-1658
schefflerg13@gmail.com

From: [Mass Audubon](#) on behalf of [Janet Hanson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:22:59 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Janet Hanson
665 Pleasant Street
Bridgewater, MA 02324
(555) 555-5555
jnhanson1@verizon.net

From: [Mass Audubon](#) on behalf of [Mary McMahon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:17:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary McMahon
Centre st
West Roxbury, MA 02132
N/a
lemmel@aol.com

From: [Mass Audubon](#) on behalf of [Elizabeth Nash](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:47:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Elizabeth Nash
53 Montgomery St
Lakeville, MA 02347
(508) 947-4011
elizzardn@msn.com

From: [Mass Audubon](#) on behalf of [Rebecca Kuklinski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:52:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Rebecca Kuklinski
1261 Church St #52
New Bedford, MA 02745
(774) 201-1016
rebecca.kuk@gmail.com

From: [Mass Audubon](#) on behalf of [Chris Howie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:47:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Chris Howie
205 Standpipe Drive
Rockland, MA 02370
(617) 653-6477
seahorsech@comcast.net

From: [Mass Audubon](#) on behalf of [Patricia Criste](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:22:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Patricia Criste
51 Eaton Ave
Woburn, MA 01801
(781) 608-2954
pcris4@aol.com

From: [Mass Audubon](#) on behalf of [beverly white](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 4:47:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. beverly white
92 gibson rd
orleans, MA 02653
(617) 840-5694
bevoir11@gmail.com

From: [Mass Audubon](#) on behalf of [Leigh Steele](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 4:47:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Leigh Steele
120 E. Redrock Dr.
Burlington, VT 05401
(802) 999-8919
leighwsteele@gmail.com

From: [Mass Audubon](#) on behalf of [Barbara Collins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 4:47:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Barbara Collins
180 Waterman Ave. Apt. 205
North Providence, RI 02911
(919) 699-0341
bobbie_collins@icloud.com

From: [Mass Audubon](#) on behalf of [Jamie Demas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 4:47:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jamie Demas
5 HINKLE LN
ORLEANS, MA 02653-3900
(617) 593-8691
jdemas66@gmail.com

From: [Mass Audubon](#) on behalf of [Susan Born](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 4:17:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Our coastal and marine wildlife has always been a source of strength for Massachusetts. If we don't protect horseshoe crab populations now, we are going to leave them as depleted as the cod, the lobster, the whelk, and many more.

As a nurse, I greatly appreciate the use of horseshoe crab blood as a powerful anti-bacterial and in testing of medications and vaccines, including COVID-19 vaccines. The biomedical industry is essential not just to our state's prosperity, but to the future health of our people. Failure to protect horseshoe crabs during their spawning season, and to limit harvesting to sustainable levels the rest of the year, will make us lose this valuable resource.

Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit. Please, put a stop to harvesting horseshoe crabs during spawning season, and to harvesting females with eggs. We've figured out to ban harvesting of females with eggs for lobsters and crabs, it's common sense to include these amazing animals too.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Born
18 School Street
Arlington, MA 02476
(617) 448-4179
seborn@gmail.com

From: [Mass Audubon](#) on behalf of [Elaine Kile](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 3:47:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit to help make a significant difference in the survival of this valuable species along Cape Cod shores especially. They should be allowed to live and thrive for many more millions of years.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries. By continuing to deplete this valuable resource, the biomedical industry is eliminating the resource necessary to continue their own business, just as overfishing reduces the populations to a point that aren't enough species left to catch. It isn't just the shorebirds that lose this vital food source during their migration through our area.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Elaine Kile
342 Hunnewell St
Needham Heights, MA 02494-1330
(781) 444-2862
starbirdkile@gmail.com

From: [Mass Audubon](#) on behalf of [Laura Cox](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 3:16:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Laura Cox
366 AIRLINE RD
South Dennis MA, MA 02660-2540
(508) 619-3470
mrsracex1961@hotmail.com

From: [Mass Audubon](#) on behalf of [Jodi Baron](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 2:52:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jodi Baron
p.o. box 1573
west tisbury, MA 02575
(508) 696-5780
crunchy_tine0x@icloud.com

From: [Mass Audubon](#) on behalf of [Beverly King](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 2:46:57 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Beverly King
459 Bakerville Road
Dartmouth, MA 02748
(508) 992-7285
baseballmom18@gmail.com

From: [Mass Audubon](#) on behalf of [Ashleigh Novak](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 2:46:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Ashleigh Novak
17 Cushman Street
Monson, MA 01057
(413) 335-3852
novakjashleigh@gmail.com

From: [Mass Audubon](#) on behalf of [Ruth Weissberger](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 2:17:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Ruth Weissberger
16 Green Teal Way
Yarmouth Port, MA 02675
(508) 364-0831
rmw16@icloud.com

From: [Mass Audubon](#) on behalf of [Pjer Zanchi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 2:17:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Pjer Zanchi
10 Avon Street
Cambridge, MA 02138
(617) 876-3876
onyxgarden@gmail.com

From: [Mass Audubon](#) on behalf of [andrea holden](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 2:16:51 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. andrea holden
67 Anthony Ave
Swansea, MA 02777
(508) 493-8214
andrea8holden@gmail.com

From: [Mass Audubon](#) on behalf of [Carole McCauley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:52:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carole McCauley
39 Village St
Marblehead, MA 01945-2254
(781) 715-5639
carolem26@yahoo.com

From: [Mass Audubon](#) on behalf of [Maddie Poirier](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:46:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I have been admiring and appreciating horseshoe crabs since I was a kid, growing up in the waves on Nauset Beach and exploring the tides of Skaket Beach. These animals have stood the test of time, and humans are solely responsible for their depleting populations.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations for the sake of local populations. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich, and the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

To reinstall and support ecosystem balance, we need to have strong regulations in place surrounding the harvests of horseshoe crabs in Massachusetts. Only we can solve the problem we have caused, and the time to act is right now. I urge you to act accordingly for the sake of the whole ecosystem's livelihood.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Maddie Poirier
66 Sparrowhawk Rd
Orleans, MA 02653-4202
(603) 512-8790
maddie.poirier@gmail.com

From: [Mass Audubon](#) on behalf of [Richard Tingblad](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:46:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Richard Tingblad
169 Alden Street, Whitman, MA 02382
Whitman, MA 02382
(781) 447-1443
rwtlmc@gmail.com

From: [Mass Audubon](#) on behalf of [Diane Boucher](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:46:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Diane Boucher
3 Shaker House Rd
Sandwich, MA 02563-2307
(978) 340-6424
dianem.boucher@gmail.com

From: [Mass Audubon](#) on behalf of [Cynthia Wigren](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:46:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Cynthia Wigren
PO Box 2721
Orleans, MA 02653
(603) 498-3424
cynthiawigren@yahoo.com

From: [Mass Audubon](#) on behalf of [Katherine Novak](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:22:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Katherine Novak
12 Strong Street
Newburyport, MA 01950
(978) 465-2770
nightsocks@msn.com

From: [Mass Audubon](#) on behalf of [Marcy Feller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:17:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marcy Feller
41 Pleasant St.
Provincetown, MA 02657
(508) 737-2580
mefeller23@gmail.com

From: [Mass Audubon](#) on behalf of [Stacey Gifford](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:17:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Stacey Gifford
45 Old Washington Rd
Ridgefield, CT 06877
(603) 321-8491
smacrath@gmail.com

From: [Mass Audubon](#) on behalf of [Nichole Graham](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:17:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Two of my family members worked at associates of Cape Cod in Falmouth. I know when these crabs are released back into the water, most don't make it. What a tragedy. There needs to be some protection for these crabs!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Nichole Graham
228 pine st
Yarmouth Port, MA 02675
(508) 367-2749
ngrham80@aol.com

From: [Mass Audubon](#) on behalf of [Leslie Bostrom](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:16:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I have owned a house in Wellfleet for over 30 years, and in that time I have seen an alarming decline in the population of horseshoe crabs. Please act to protect their population. Leslie Bostrom

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Leslie Bostrom
10 Blodgett Avenue
Pawtucket, RI 02860

(401) 524-4928
leslie_bostrom@brown.edu

From: [Mass Audubon](#) on behalf of [Jennifer Feller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:16:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jennifer Feller
204 Appleton St.
Cambridge, MA 02138
(650) 269-7346
jenfeller@yahoo.com

From: [Mass Audubon](#) on behalf of [Anne Spang](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:52:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Anne Spang
62 Martins Ln
Hingham, MA 02043-1022
(781) 749-3364
aspang1@verizon.net

From: [Mass Audubon](#) on behalf of [Jared Tausig](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:52:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Jared Tausig
120 Garland Road
Newton Centre, MA 02459
(617) 335-7685
j2tausig@gmail.com

From: [Mass Audubon](#) on behalf of [Carol Benoit](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:46:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carol Benoit
16 Barcelona Drive
Clifton Park, NY 12065
(518) 253-1977
cbenoit3@nycap.rr.com

From: [Mass Audubon](#) on behalf of [Judy North](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:22:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Judy North
320 LONG POND RD>
Brewster, MA 02631
(508) 237-3276
judy.north@verizon.net

From: [Mass Audubon](#) on behalf of [Marjorie Kelly](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:22:56 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I have not seen a horseshoe crab on a beach in Massachusetts in decades. When I was younger, they used to be plentiful. I hope our state will take appropriate action to preserve this disappearing species.

Marjorie Pomeroy Kelly

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marjorie Kelly
49 Christopher Hollow Rd.
Sandwich, MA 02563
(508) 888-0459
pomeroyinna@aol.com

From: [Mass Audubon](#) on behalf of [Bojana Bosanac](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:22:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Bojana Bosanac
10 Avon Street
Cambridge, MA 02138
(617) 876-3876
bojana.bosanac.2014@gmail.com

From: [Mass Audubon](#) on behalf of [Susan Wyoral](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:22:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I'm shocked by the massive decrease in numbers of horseshoe crabs found on/in Duxbury, MA's beaches and bay during early summer. You used to be able to wade in the water while watching them move about, then crawl out onto the beach. It would be littered with live crabs! Having been away from Duxbury for over 15 years, the horseshoe crabs seem almost completely absent. You can't watch them in the bay water or on the beach. It's shocking and disheartening that such an amazing animal has been almost wiped out of Duxbury Bay!

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and Massachusetts is overdue to follow suit!

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Something must be done before horseshoe crabs join the threatened species list!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan wyoral
66 Heritage Lane
Duxbury, MA 02332
(781) 934-9764
swyoral@att.net

From: [Mass Audubon](#) on behalf of [Susan Grimwood](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:22:52 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Grimwood
19 Maple St., Apt 20
Amesbury, MA 01913
(978) 792-5531
sjgrimwood@verizon.net

From: [Mass Audubon](#) on behalf of [Wende O'Brien](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:22:46 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Wende O'Brien
189 Pine Bluff Rd.
Brewster, MA 02631
(774) 323-0464
wendeobrien@comcast.net

From: [Mass Audubon](#) on behalf of [Kathleen Emrich](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:22:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Changes to Massachusetts horseshoe crab harvesting regulations are long overdue, and current practices have allowed the local populations to become seriously depleted.

Biomedical harvest on Cape Cod has increased with new operations in Harwich, even though alternatives are now available. And bait harvest is simply a relic of times when horseshoe crabs were so plentiful that they were considered a shellfish pest.

Moreover, these harvests target female horseshoe crabs, with eggs, while they are spawning in May and June. This is in stark contrast to regulations in both the lobster and crab fisheries in order to protect those species.

Horseshoe crab eggs are also a critical food source for migrating shorebirds, and the sharp drop in their abundance is considered a significant factor in shorebird population declines, particularly for Red Knots. Thus, more stringent regulations would have this additional layer of positive environmental impact.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathleen Emrich
505 Tremont Street
Boston, MA 02116
(617) 266-5592
kje02116@gmail.com

From: [Mass Audubon](#) on behalf of [Katie O'Farrell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:17:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Katie O'Farrell
541 Bedford St
East Brodgewater, MA 02333
(508) 504-9099
kate@katerosephotography.com

From: [Mass Audubon](#) on behalf of [Betty Ann Sharp](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:17:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Betty Ann Sharp
21 Seminole Ave
Hubbardston, MA 01452-1534
(508) 612-3946
bearlyreadbooks@yahoo.com

From: [Mass Audubon](#) on behalf of [Margot Stage](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:17:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Margot Stage
76 Dory Ln
Eastham, MA 02642-2767
(978) 392-9129
mestage@comcast.net

From: [Mass Audubon](#) on behalf of [Ellen Weinberg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:17:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am an Assistant Professor and biomedical researcher in the Department of Immunology at Tufts University School of Medicine. In this capacity, I urge you to make regulation changes that result in conservation of horseshoe crabs. Read on...

Synthetic alternatives to horseshoe crab blood have been developed. See the following abstract from a scientific publication in the journal, PLoS Biology, 2018;

PLoS Biol. 2018 Oct; 16(10): e2006607.
Published online 2018 Oct 12.
PMCID: PMC6200278
PMID: 30312293

Title: Saving the horseshoe crab: A synthetic alternative to horseshoe crab blood for endotoxin detection.

Authors: Tom Maloney,^{1,*} Ryan Phelan,¹ and Naira Simmons²

Abstract

Horseshoe crabs have been integral to the safe production of vaccines and injectable medications for the past 40 years. The bleeding of live horseshoe crabs, a process that leaves thousands dead annually, is an ecologically unsustainable practice for all four species of horseshoe crab and the shorebirds that rely on their eggs as a primary food source during spring migration. Populations of both horseshoe crabs and shorebirds are in decline. This study confirms the efficacy of recombinant Factor C (rFC), a synthetic alternative that eliminates the need for animal products in endotoxin detection. Furthermore, our findings confirm that the biomedical industry can achieve a 90% reduction in the use of reagents derived from horseshoe crabs by using the synthetic alternative for the testing of water and other common materials used in the manufacturing process. This represents an extraordinary opportunity for the biomedical and pharmaceutical

industries to significantly contribute to the conservation of horseshoe crabs and the birds that depend on them.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Sincerely,
Ellen Weinberg, PhD
PO Box 685
Dover MA 02030
Ellen.Weinberg@tufts.edu
.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Ellen Weinberg
PO Box 685
Dover, MA 02030
(508) 785-1500
ellen.weinberg@tufts.edu

From: [Mass Audubon](#) on behalf of [Frederic Lowrie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:16:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Frederic Lowrie
125 Calves Pasture Lane
Barnstable, MA 02630
(508) 362-0097
fblowrie@gmail.com

From: [Mass Audubon](#) on behalf of [Marina Rakhlin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:16:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Marina Rakhlin
126 Winchester st
Brookline, MA 02446
(617) 460-1231
marinan@gmail.com

From: [Mass Audubon](#) on behalf of [Maureen Sundberg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:16:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Our state can do better. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Maureen Sundberg
23 oak street
Andover, MA 01810
(978) 470-2100
rrsundberg23@gmail.com

From: [Mass Audubon](#) on behalf of [Mary O'Neill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:16:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I have read with concern articles about the use of these ancient crabs to harvest their blood and release them, depleted of their blood supply, to the sea. It is incredible the industry claims the death rate is low when in fact what occurs is they go to sea, weakened, and die away from the pharmaceutical facilities.

Our children deserve to have these amazing creatures on the beaches they explore. Present practices put that at risk. Please institute the reasonable restraints proposed to protect horseshoe crabs.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary O'Neill
32 Charter St, #4
Boston, MA 02113
(617) 780-6338
oneill@bu.edu

From: [Mass Audubon](#) on behalf of [Linda Veiga](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 11:46:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linda Veiga
8 Timothy Lane
Plymouth, MA 02360-2053
(508) 747-5930
veigalm8@gmail.com

From: [Mass Audubon](#) on behalf of [Ilene Segal](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 11:22:31 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Ilene Segal
245 Warren Drive
Norfolk, MA 02056
(508) 541-3396
ihsdvm6@gmail.com

From: [Mass Audubon](#) on behalf of [Alexis Khalil](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 11:22:21 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Alexis Khalil
60 Russell Ave
Watertown, MA 02472
(617) 899-1053
alexis.khalil@gmail.com

From: [Mass Audubon](#) on behalf of [Robert Cuddy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 11:16:38 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Robert Cuddy
34 Star Rd.
Newton, MA 02465
(617) 894-5619
rabok67@hotmail.com

From: [Mass Audubon](#) on behalf of [Marcia Connors](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 11:16:38 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marcia Connors
149 PO Box
North Eastham, MA 02651-0149
(774) 207-7492
portworld@comcast.net

From: [Mass Audubon](#) on behalf of [Carole Plumb](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 11:16:37 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carole Plumb
17 Bald Rock Rd
Wayland, MA 01778
(774) 270-2482
caplumb@comcast.net

From: [Mass Audubon](#) on behalf of [licia fields](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:38 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. licia fields
33 smith
Brewster, MA 02631
(508) 896-9118
licia2@verizon.net

From: [Mass Audubon](#) on behalf of [Catherine Lickfield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:37 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Catherine Lickfield
233 Downs Rd.
Worcester, VT 05682
(802) 505-8011
fearnessence@gmail.com

From: [Mass Audubon](#) on behalf of [Michael Gilman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:37 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Gilman
291 Old Barnstable Road
EAST FALMOUTH, MA 02536
(928) 580-8957
mgilman007@hotmail.com

From: [Mass Audubon](#) on behalf of [Sara Brydges](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:37 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sara Brydges
24 Marthas Point Rd
Concord, MA 01742-4917
(978) 371-0123
sbrydges@comcast.net

From: [Mass Audubon](#) on behalf of [Richard Warren](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Richard Warren
273 River Street
Halifax, MA 02338
(781) 294-0589
richard-warren@comcast.net

From: [Mass Audubon](#) on behalf of [Ross Anderson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Ross Anderson
Thirwood Place APT 415, 237 North Main St.,
South Yarmouth, MA 02664
(802) 238-1635
10and2@gmail.com

From: [Mass Audubon](#) on behalf of [Sarah Driscoll](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Sarah Driscoll
140 Parks Street
Duxbury, MA 02332
(617) 620-0528
sarah.driscoll@bwri.org

From: [Mass Audubon](#) on behalf of [James Nielsen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. James Nielsen
Po Box 236
S Wellfleet, MA 02663-0236
(508) 527-0650
jnielsen@massaudubon.org

From: [Mass Audubon](#) on behalf of [Ann Pirone](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:46:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ann Pirone
146 Woodside Lane
ARLINGTON, MA 02474-2155
(617) 821-0285
a_pirone@hotmail.com

From: [Mass Audubon](#) on behalf of [Judith Flanders](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:22:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Judith Flanders
POB 807
Chilmark, MA 02535
(508) 241-5790
highlandsjf@yahoo.com

From: [Mass Audubon](#) on behalf of [Nina McLoughlin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:22:13 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Nina McLoughlin
5 E Commercial St
Wellfleet, MA 02667
(508) 246-0633
eskandari.n@gmail.com

From: [Mass Audubon](#) on behalf of [Steven Gass](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:16:33 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Steven Gass
92 Gibson Road
Orleans, MA 02653
(617) 840-5432
sxgass@gmail.com

From: [Mass Audubon](#) on behalf of [Regina Connor](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:16:32 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Regina Connor
PO Box 1635
North Eastham, MA 02651
(508) 255-0987
reginamconnor@gmail.com

From: [Mass Audubon](#) on behalf of [Richard Clark](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 10:16:32 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Richard Clark
30 School House Vlg
Vineyard Hvn, MA 02568
(860) 424-6697
rc Clark1940@aol.com

From: [Mass Audubon](#) on behalf of [Jessie Knowlton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:52:12 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Jessie Knowlton
330 Long Pond Rd
Plymouth, MA 02360
(906) 275-8296
jlknowlton@gmail.com

From: [Mass Audubon](#) on behalf of [Jannine Weakley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:52:11 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jannine Weakley
2330 Pleasant St
Dighton, MA 02715
(508) 669-6556
jannine.weakley@gmail.com

From: [Mass Audubon](#) on behalf of [Kate Bindas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:46:30 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kate Bindas
84 DUNHAM STREET
ATTLEBORO, MA 02703-3050
(508) 226-1100
kbindas@nes-inc.com

From: [Mass Audubon](#) on behalf of [Mitzi Pratt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:46:29 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mitzi Pratt
5 Moshup Trail
Aquinnah, MA 02535
(917) 670-7214
meprattbookbinder@me.com

From: [Mass Audubon](#) on behalf of [Amy Wilmot](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:46:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Amy Wilmot
385 Mendell Road
Rochester, MA 02770
(617) 922-3318
amywilmot@hotmail.com

From: [Mass Audubon](#) on behalf of [Gregory Viglianti](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:46:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Gregory Viglianti
68 Claybrook Road
Dover, MA 02030
(508) 259-5742
gviglian@gmail.com

From: [Mass Audubon](#) on behalf of [Abigail Manzi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:46:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Abigail Manzi
185 Linebrook Rd
Ipswich, MA 01938
(978) 500-4570
manziae@gmail.com

From: [Mass Audubon](#) on behalf of [Marykay Marks](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:46:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marykay Marks
250 Perryville Rd.
Rehoboth, MA 02769
(248) 421-4053
marykaymarks@me.com

From: [Mass Audubon](#) on behalf of [Mary Amaral](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:31 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Please save the horseshoe crabs! They are an integral part of our eco-system.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Mary Amaral
28 Sherwood Lane
Raynham, MA 02767
(508) 345-4980
rare1999@hotmail.com

From: [Mass Audubon](#) on behalf of [Linda Villalobos](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:31 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linda Villalobos
468 Main Street
Amesbury, MA 01913
(978) 854-1774
leray140@gmail.com

From: [Mass Audubon](#) on behalf of [Andrew Jankowich](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:30 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

It seems strange that horseshoe crabs are simultaneously considered so valuable for biomedical uses but can also be caught to be used as cheap bait.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich.

The practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Andrew Jankowich
47 Wendell St
Cambridge, MA 02138

617283581&
andrew.jankowich@icloud.com

From: [Mass Audubon](#) on behalf of [C Itzler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:30 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. C Itzler
PO Box 113
East Orleans, MA 02643
(508) 255-6627
cmi500@comcast.net

From: [Mass Audubon](#) on behalf of [Robert Dunning](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:29 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Robert Dunning
17 South Street
Wilmington, MA 01887-1612
(339) 234-4292
rfdunning@gmail.com

From: [Mass Audubon](#) on behalf of [Debra Giza](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:29 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Debra Giza
180 paine hollow rd
Wellfleet, MA 02667
(508) 274-8272
dgiza_13@hotmail.com

From: [Mass Audubon](#) on behalf of [Michael Agostino](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:29 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Agostino
26 Wolcott Avenue
Andover, MA 01810
(978) 397-8862
magostino2632@gmail.com

From: [Mass Audubon](#) on behalf of [Allison Coleman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Allison Coleman
6 Ethelma Drive
Chatham, MA 02633
(617) 331-4883
acoleman2015@comcast.net

From: [Mass Audubon](#) on behalf of [Margaux Holcomb](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Margaux Holcomb
6 Pratt Dr
Norton, MA 02766
(978) 884-2388
mags_23@hotmail.com

From: [Mass Audubon](#) on behalf of [Molly Zegans](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Molly Zegans
39 1/2 Millbrook Rd
Nantucket, MA 02554-2671
(603) 306-1261
mzegans@massaudubon.org

From: [Mass Audubon](#) on behalf of [John Dyer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Dyer
406 Buckskin Path
Centerville, MA 02632
(978) 697-5461
jnp01510@gmail.com

From: [Mass Audubon](#) on behalf of [Samuel Benson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Samuel Benson
239 Cranberry Ln
North Chatham, MA 02650
(443) 482-2454
samuelpbenson@gmail.com

From: [Mass Audubon](#) on behalf of [wendy o'keefe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 9:16:26 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. wendy o'keefe
35 wild Rose Terrace
South Yarmouth, MA 02664
(508) 221-1761
wendycampbellokeefe@gmail.com

From: [Mass Audubon](#) on behalf of [Annie Dobroth](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:33 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Horseshoe crabs are incredibly important for biomedicine and biodiversity. Allowing them to be used as bait is reductive and foolish, and should be banned.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Annie Dobroth
26 Francis st
Brookline, MA 02446

(617) 739-7410
avis138@gmail.com

From: [Mass Audubon](#) on behalf of [Jane Brennan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:30 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jane Brennan
50 Dorothy Way
South Dennis, MA 02660
(508) 369-4709
jhbrenn@icloud.com

From: [Mass Audubon](#) on behalf of [Julia Fontaine](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:30 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Julia Fontaine
8 Cottage Lane
Marshfield, MA 02050
(617) 755-4592
julie.fontaine@rocketmail.com

From: [Mass Audubon](#) on behalf of [Leslie Downey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:29 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Considering how important horseshoe crabs are to research for human health, it is important to have responsible and sustainable harvesting practice.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Leslie Downey
70 Forest Hill Ave
Lynnfield, MA 01940

(781) 632-5167
rahne7@hotmail.com

From: [Mass Audubon](#) on behalf of [Joseph Sheehan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:28 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joseph Sheehan
18 Ridgeport Drive
Harwich Port, MA 02646
(617) 710-4440
joseph.sheehan@verizon.net

From: [Mass Audubon](#) on behalf of [Michael Kowaleski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Kowaleski
67 Stagecoach Dr
Marshfield, MA 02050
(781) 837-6458
mjkowaleski@verizon.net

From: [Mass Audubon](#) on behalf of [Tracy Dart](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:26 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Please protect our horseshoe crabs!

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Tracy Dart
20 Strawberry Lane
North Chatham, MA 02650
(609) 924-4643
dtdart@aol.com

From: [Mass Audubon](#) on behalf of [Susan Martone](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:26 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Letter in support of protecting horseshoe crabs:

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Thank you for your consideration.

Susan Martone
20 Mowry Street
Mendon, MA 01756

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Martone
20 Mowry Street
Mendon, MA 01756
(774) 573-0777
smmartone@comcast.net

From: [Mass Audubon](#) on behalf of [Anne Salas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:46:25 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Anne Salas
145 Mockingbird Ln
Marstons Mills, MA 02648-1350
(774) 521-8810
annesalas@comcast.net

From: [Mass Audubon](#) on behalf of [William Howe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:21:56 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. William Howe
273 Tispaquin Street
Middleborough, MA 02346
(508) 946-1491
whowe53@gmail.com

From: [Mass Audubon](#) on behalf of [Sharon Stoehr](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:16:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sharon Stoehr
5 Apple Rd Apt 32
Beverly, MA 01915
(614) 357-5674
sharon.a.stoehr@gmail.com

From: [Mass Audubon](#) on behalf of [Tina Morse](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:16:25 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Tina Morse
479 Kingsbury Ave
Haverhill, MA 01835-8389
(978) 394-2474
tina.morse@rocketmail.com

From: [Mass Audubon](#) on behalf of [Rita Ruvido](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:16:25 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Rita Ruvido
Averill St
Topsfield, MA 01983
(617) 549-6529
kirby.rita@gmail.com

From: [Mass Audubon](#) on behalf of [Susan Finkenzeller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:16:24 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Susan Finkenzeller
PO Box 421
Harwich Port, MA 02646
(203) 578-5453
bsfink@gmail.com

From: [Mass Audubon](#) on behalf of [Nancy Barck](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:16:24 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Barck
74 Colony Lane
Lancaster, MA 01423
(508) 517-0477
jnmaschine@comcast.net

From: [Mass Audubon](#) on behalf of [Susan Walsh](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:16:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Susan Walsh
981 Canton Ave
Milton, ME 02186
(617) 696-7615
suewalshe@hotmail.com

From: [Mass Audubon](#) on behalf of [Janine Murphy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:16:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am old enough to remember walking the beach in Eastham and routinely encountering numerous horseshoe crabs. I'm lucky enough to still be walking the beaches, but I rarely ever see a horseshoe crab these days.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Janine Murphy
4 Red Canoe
Plymouth, MA 02360-6631

(413) 575-2425
j9murph@gmail.com

From: [Mass Audubon](#) on behalf of [Marcella Curry](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 8:16:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marcella Curry
15 UNCLE STANLEYS WAY
SOUTH DENNIS, MA 02660
(508) 776-9783
mcurry1010@yahoo.com

From: [Mass Audubon](#) on behalf of [Olympia Hall](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:51:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Olympia Hall
198 Oak Lane
West Tisbury, MA 02575
(508) 939-0567
lilyanderson3737@gmail.com

From: [Mass Audubon](#) on behalf of [Catherine Petrie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:46:22 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Catherine Petrie
47
Gloucester, MA 01930
(978) 290-6011
cathypetrie@verizon.net

From: [Mass Audubon](#) on behalf of [Elaine Dionne](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:46:22 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Elaine Dionne
134 Dutcher St
Hopedale, MA 01747
(508) 561-9887
elainedionne@comcast.net

From: [Mass Audubon](#) on behalf of [Jeanne Andersen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:46:21 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Jeanne Andersen
35 Cushing St
Cambridge, MA 02138
(339) 221-8618
xxandersen@gmail.com

From: [Mass Audubon](#) on behalf of [Joanna Jones](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:16:22 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Joanna Jones
33 Paddock Road
Raynham, MA 02767
(508) 208-5344
joannamjones@comcast.net

From: [Mass Audubon](#) on behalf of [Jonathan Clapp](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:16:21 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Jonathan Clapp
335 Oak St
Harwich, MA 02645
(508) 432-1234
j_w_clapp@hotmail.com

From: [Mass Audubon](#) on behalf of [Fran Raleigh](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:16:20 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As an ecologist, educator and birder I have been concerned and teaching about this issue for decades. We take and take from biological resources without adequate respect or knowledge about what can be sustained.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Fran Raleigh
5 Acorn Rd

Dennis, MA 02638
(908) 247-1990
fraleigh85@gmail.com

From: [Mass Audubon](#) on behalf of [Luana Preston](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:16:19 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Luana Preston
76 Spy Pond Pkwy
Arlington, MA 02474
(781) 710-1495
luanapreston@hotmail.com

From: [Mass Audubon](#) on behalf of [Thomas C. Webster III](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 7:16:19 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Thomas C. Webster III
34 Oakdale Avenue
Marion, MA 02738
(781) 724-4352
webstertiii@yahoo.com

From: [Mass Audubon](#) on behalf of [Geri Belle](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:52:25 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Geri Belle
10 St Sauveur Ct
Cambridge, MA 02138
(617) 834-0584
bellegeri2007@comcast.net

From: [Mass Audubon](#) on behalf of [Julie Howell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:51:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Julie Howell
61 Russian Village Rd
Southbury, CT 06488
(203) 206-8724
howelljulie@yahoo.com

From: [Mass Audubon](#) on behalf of [Lisa Phelan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:51:53 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Lisa Phelan
P.O. box 2248
Oak Bluffs, MA 02557
(415) 819-4592
lisa.jackman@gmail.com

From: [Mass Audubon](#) on behalf of [Kimberly Small](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:51:52 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kimberly Small
25 fleetwood path
Marstons mills, MA 02648
(508) 524-0124
kimbo4855@comcast.net

From: [Mass Audubon](#) on behalf of [Catherine Brady](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:46:19 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Catherine Brady
24 Rivercrest Way
South Hadley, MA 01075-1392
(617) 359-1262
cath.brady2@gmail.com

From: [Mass Audubon](#) on behalf of [Stephanie Olbrych](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:46:18 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Stephanie Olbrych
6 Robin Circle Apt 4
Norton, MA 02766-2238
(508) 789-6895
solbrych@verizon.net

From: [Mass Audubon](#) on behalf of [Sandra Leo-Clark](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:46:16 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Sandra Leo-Clark
253 Whistleberry Drive
Marstons Mills, MA 02648
(508) 364-0690
zelda123@comcast.net

From: [Mass Audubon](#) on behalf of [Angela Sciaraffa](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:46:16 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Angela Sciaraffa
143 Kenrick St
Brighton, MA 02135
(617) 987-2044
asciaraffa@rcn.com

From: [Mass Audubon](#) on behalf of [Teresa Prego](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:46:16 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Teresa Prego
41 Pleasant st
Medfield, MA 02052
(508) 641-5099
tprego1@yahoo.com

From: [Mass Audubon](#) on behalf of [Michael Hatch](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:16:15 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Hatch
PO Box 204
South Yarmouth, MA 02664
(508) 364-3364
harmonhatch@yahoo.com

From: [Mass Audubon](#) on behalf of [Diana Davis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:16:14 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Diana Davis
62 Deer Path
Hudson, MA 01749
(508) 577-5326
davisd372@gmail.com

From: [Mass Audubon](#) on behalf of [Michael Ditchfield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:16:13 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Ditchfield
80 Chase Rd.
Edgartown, MA 02539
(508) 627-8373
mikeditch@gmail.com

From: [Mass Audubon](#) on behalf of [James Cordeiro](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:16:12 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. James Cordeiro
345 Bone Hill Road
Cummaquid, MA 02637
(508) 362-7475
jcordeiro@massaudubon.org

From: [Mass Audubon](#) on behalf of [Claudia Braga](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:16:12 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Claudia Braga
23 Brittany Lane
Dartmouth, MA 02747
508123456
quimc@aol.com

From: [Mass Audubon](#) on behalf of [Joanna Stevens](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 6:16:12 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Joanna Stevens
855 Nauset Rd.
Eastham, MA 02642
(508) 255-2686
johome400@gmail.com

From: [Mass Audubon](#) on behalf of [Roos Karssemeijer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:51:44 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Roos Karssemeijer
4 Worthen Road,
WINCHESTER, MA 01890
(617) 935-3613
rooskarssemeijer@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Blandino](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:46:12 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Karen Blandino
150 Thatcher Rd
Rockport, MA 01966
(617) 282-4688
kcarp777@gmail.com

From: [Mass Audubon](#) on behalf of [margaret howland](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:46:09 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. margaret howland
21 Planting Island Rd
Marion, MA 02738
(508) 208-9460
margarethowland@icloud.com

From: [Mass Audubon](#) on behalf of [Harry Newell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:46:09 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Please don't fail to protect these remarkable creatures from over-exploitation.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Harry Newell
19 Deer Path Unit 4
Maynard, MA 01754-1486
(781) 742-8408

h.newell@hey.com

From: [Mass Audubon](#) on behalf of [Nicki Villars](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:21:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am a long-time seasonal resident on Cape Cod and have personally seen the decline in horseshoe crab numbers. This is quite distressing and does not need to be happening!

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nicki Villars
154 Pochet Rd
E. Orleans, MA 02643

(508) 255-2676
nicki.and.jos@gmail.com

From: [Mass Audubon](#) on behalf of [Siobhan Thompson Levinson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:16:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Siobhan Thompson Levinson
22 Island View Lane
South Chatham, MA 02659
(914) 419-9828
levinsonjoan55@gmail.com

From: [Mass Audubon](#) on behalf of [Rebecca Majewski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 5:16:02 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Rebecca Majewski
1180 State Road
Westport, MA 02790
(717) 712-3137
lvemr@yahoo.com

From: [Mass Audubon](#) on behalf of [Patricia Force](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 4:51:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Patricia Force
18 pine tree rd
Vineyard Haven, MA 02568
(774) 563-9755
kimgoud32@gmail.com

From: [Mass Audubon](#) on behalf of [Sally Mavroides](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 4:16:00 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sally Mavroides
55 Pollock Rip Rd
South Yarmouth, MA 02664
(111) 111-1111
sallymavroides@gmail.com

From: [Mass Audubon](#) on behalf of [Steve Lowther](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 4:15:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Steve Lowther
1346 Massasoit Road
Eastham, MA 02642
(802) 349-8338
slowtherdb@gmail.com

From: [Mass Audubon](#) on behalf of [Adele Sullivan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 3:15:56 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Adele Sullivan
PO Box 118
Eastham, MA 02642
(585) 944-2991
asullivan4444@hotmail.com

From: [Mass Audubon](#) on behalf of [Melissa Swearingen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 2:51:26 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Melissa Swearingen
216 East Mountain Street, Apt 39
Worcester, MA 01606
(508) 661-9355
melissaonline@sbcglobal.net

From: [Mass Audubon](#) on behalf of [Jane Truesdell Ellis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 2:51:24 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jane Truesdell Ellis
650 Lowell St
Lynnfield, MA 01940
(781) 820-7870
jteesq@aol.com

From: [Mass Audubon](#) on behalf of [Jimmy Suxacok](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:15:49 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Jimmy Suxacok
999 Letsby Avenue
Asheville, MA 01773
(959) 424-8933
danieltse91@gmail.com

From: [Mass Audubon](#) on behalf of [Marion Jesser](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 1:15:47 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 28, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Marion Jesser
222 East Cottage Street
Dorchester, MA 02125
(508) 685-5520
marion.briggs@comcast.net

From: [Mass Audubon](#) on behalf of [France Livadas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 28, 2023 12:15:42 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. France Livadas
1 Dillingham Way
Plymouth, MA 02360
(617) 955-0132
france.livadas@gmail.com

From: [Mass Audubon](#) on behalf of [Eileen Velez](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 11:45:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Eileen Velez
1153 Hyde Park Ave
Hyde Park, MA 02136
(617) 364-6796
rockynook@hotmail.com

From: [Mass Audubon](#) on behalf of [Colin Ogilvie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 11:45:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Colin Ogilvie
1 Emerson Pl
Boston, MA 02114
(508) 733-1511
ogilvie.colin.b@gmail.com

From: [Mass Audubon](#) on behalf of [Aidia Melcher](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 11:45:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Aidia Melcher
19 Crest Avenue
Longmeadow, MA 01106
(413) 333-7133
aidiamelcher@gmail.com

From: [Mass Audubon](#) on behalf of [Sarah McCulley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 11:45:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sarah McCulley
527 West 141st St #2
New York City, NY 10031
(617) 429-7433
srmcculley@gmail.com

From: [Mass Audubon](#) on behalf of [Larry Giannechini](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 11:45:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Larry Giannechini
75 Horatio Street, 1A
New York, NY 10014
(732) 233-1311
lgiannechini@gmail.com

From: [Mass Audubon](#) on behalf of [Sherbie Worthen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 11:21:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Sherbie Worthen
P.O.Box 368
Wareham, MA 02571
(508) 441-7550
sherbieworthen@gmail.com

From: [Mass Audubon](#) on behalf of [Gwyneth Loud](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 11:15:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Gwyneth Loud
64 CONANT RD
LINCOLN, MA 01773-3913
(781) 259-8690
gwynloud555@gmail.com

From: [Mass Audubon](#) on behalf of [Ann M. Ellis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 11:15:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ann M Ellis
2601 Main St
Brewster, MA 02631
(508) 776-4624
ann@myofascialreleasecapecod.com

From: [Mass Audubon](#) on behalf of [Karl fryzEl](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:45:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Karl fryzEl
584 stony brook rd
brewster, MA 02631
(617) 281-7407
kpfryzel@gmail.com

From: [Mass Audubon](#) on behalf of [Jos Mullan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:45:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jos Mullan
40 Gold star roas
cambridge, MA 02140
(857) 222-8219
joannedermody@yahoo.com

From: [Mass Audubon](#) on behalf of [Helen Mangelsdorf](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:45:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

As someone who has witnessed the appropriate way that the Delaware Estuary is handling this issue I was appalled to learn about the very inappropriate way that Massachusetts is handling the fate of our very important horseshoe crab population.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Helen Mangelsdorf
PO Box 125

West Falmouth, MA 02574
(507) 548-0580
hmangelsdorf@gmail.com

From: [Mass Audubon](#) on behalf of [Jessica McCaffrey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:21:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jessica McCaffrey
81 Bowditch Ave
Peabody, MA 01960-6667
(978) 332-2352
jessica.glacken@gmail.com

From: [Mass Audubon](#) on behalf of [H Massey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:21:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. H Massey
PO Box 1072
west Falmouth, MA 02574
(508) 457-1612
kenyonintibet1@aol.com

From: [Mass Audubon](#) on behalf of [Debasri Roy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:15:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Debasri Roy
10 Pacific Blvd
Nashua, NH 03062
(978) 790-5172
debasrijroy@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Crosskill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:15:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Karen Crosskill
105 Boston St
Middleton, MA 01949
(978) 777-4874
kcrosskill@gmail.com

From: [Mass Audubon](#) on behalf of [Naomi Rappaport](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:15:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Naomi Rappaport
115 Rockland St
Dartmouth, MA 02748-3205
(508) 984-1601
naomirappaport7@gmail.com

From: [Mass Audubon](#) on behalf of [LORI GONSALVES](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:15:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. LORI GONSALVES
431 Neck Rd.
Rochester, MA 02770
(508) 763-2803
loringilg@verizon.net

From: [Mass Audubon](#) on behalf of [Nevenka Bierny](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:15:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nevenka Bierny
51 Frances Helen Rd
Yarmouth Port, MA 02675
(520) 910-2481
nbierny@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Lacasse](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:15:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Karen Lacasse
PO Box 62
Cataumet, MA 02534
(774) 269-1138
klacasse1@yahoo.com

From: [Mass Audubon](#) on behalf of [Judith Lamont](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:15:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Judith Lamont
70 pine Ridge Road
Cotuit, MA 02635
(508) 428-6043
julamont@msn.com

From: [Mass Audubon](#) on behalf of [Denise Schultz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:51:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Denise Schultz
15 Buttonwood rd
Harwich, MA 02645
(914) 456-4494
katty2schnitz@yahoo.com

From: [Mass Audubon](#) on behalf of [Deirdre Doherty](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Deirdre Doherty
883 East St
Carlisle, MA 01741
(978) 254-5370
doherty1960@comcast.net

From: [Mass Audubon](#) on behalf of [Martin Costa](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Martin Costa
190 Old County Rd
Westport, MA 02790
(508) 965-4775
sweeps57@gmail.com

From: [Mass Audubon](#) on behalf of [Tamara Lickfield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Tamara Lickfield
137 Keveney Lane
Yarmouth Port, MA 02675
(508) 362-3392
tllickfield@comcast.net

From: [Mass Audubon](#) on behalf of [Lori Burroughs](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Lori Burroughs
104 Ellington Street
Longmeadow, MA 01106
(869) 573-4466
bbmalone@comcast.net

From: [Mass Audubon](#) on behalf of [Devin Ancil](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Devin Ancil
36B 1st St
Westport, MA 02790
(508) 493-5829
dimanhs@gmail.com

From: [Mass Audubon](#) on behalf of [Wendie Howland](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

My grandchildren have never seen a horseshoe crab on the same beach where I could count many dozens when I was their age. Never. Not one.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Do the right thing. Do it now.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Wendie Howland
Pob 3328

Pocasset, MA 02559
(508) 457-8743
whowland1@mac.com

From: [Mass Audubon](#) on behalf of [John Reynolds](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I have witnessed the severe reduction in the number of horseshoe crabs over the last 50+ years.

Even molted shells are a rarity to stumbled upon a beach.

The practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Reynolds
53B Abner Potters Way
South Dartmouth, MA 02748
(508) 636-4198
kayakjr@comcast.net

From: [Mass Audubon](#) on behalf of [Josie Kaufmann](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Josie Kaufmann
140 Foxwood Drive
Eastham, MA 02642
(508) 255-7548
josie.kaufmann@yahoo.com

From: [Mass Audubon](#) on behalf of [Lucia Anzalone](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lucia Anzalone
21 Essex Street Medford, MA 02155
MEDFORD, MA 02155
(781) 454-7980
luciaanzalone90@gmail.com

From: [Mass Audubon](#) on behalf of [Linda Gillooly](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:45:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Linda Gillooly
P.O. Box
Mashpee, MA 02649
(617) 285-6592
lxgillooly@gmail.com

From: [Mass Audubon](#) on behalf of [David Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:20:59 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Smith
35 wallis st
beverly, MA 01915
(978) 887-6511
biketopsdave@gmail.com

From: [Mass Audubon](#) on behalf of [Alice Ronty](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Alice Ronty
648 South Orleans Rd./POBox 277
South Orleans, MA 02662
(774) 722-1647
aronty2929@gmail.com

From: [Mass Audubon](#) on behalf of [Kelsey Burroughs](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kelsey Burroughs
104 Ellington Street
Longmeadow, MA 01106
(413) 567-6053
gigglebug00@gmail.com

From: [Mass Audubon](#) on behalf of [Melissa Proia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Melissa Proia
4 Berkley Circle
Hingham, MA 02043
(319) 331-9584
melissaproia@gmail.com

From: [Mass Audubon](#) on behalf of [Kathy Burroughs](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathy Burroughs
104 Ellington St
Longmeadow, MA 01106-1430
(413) 335-5969
kburroughs48@gmail.com

From: [Mass Audubon](#) on behalf of [Deborah Holt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deborah Holt
18 Revere St
Boston, MA 02114
(617) 797-1683
deborahholt4@gmail.com

From: [Mass Audubon](#) on behalf of [Donna Seibert](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Donna Seibert
15 Manning St
Ipswich, MA 01938
(978) 412-6532
donnaseibert15@gmail.com

From: [Mass Audubon](#) on behalf of [katherine Dahmen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. katherine Dahmen
10 Grasshopper Ln
Lincoln, MA 01773
(617) 412-1702
kate.dahmen@gmail.com

From: [Mass Audubon](#) on behalf of [Sara Watson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sara Watson
69 east main st
Middleboro, MA 02346
(508) 245-0314
shwatson@verizon.net

From: [Mass Audubon](#) on behalf of [Ruth Gail Cohen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ruth Gail Cohen
185 Cooks Brook Road
Eastham, MA 02642
(610) 506-6681
rm8writes@yahoo.com

From: [Mass Audubon](#) on behalf of [Diana Raphael](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Diana Raphael
15 ROYAL WAY
DARTMOUTH, MA 02748
(774) 550-5784
diana.raaphael7@gmail.com

From: [Mass Audubon](#) on behalf of [Rebecca McCauley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 9:15:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I want my kids kids, and their kids kids, to live in a world with these crazy dinosaur like crab relics from a different time. Let's help keep them safe by speaking up for them!

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Rebecca McCauley
23 Olde Homestead Way
Harwich, MA 02645

(617) 653-3116
rebemcc@gmail.com

From: [Mass Audubon](#) on behalf of [David Emmerich](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:50:59 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Emmerich
55 School St
North Chelmsford, MA 01863
(978) 729-1826
demmerich55@comcast.net

From: [Mass Audubon](#) on behalf of [Charles Gallant](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:50:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Charles Gallant
27 University Lane
Manchester, MA 01944
(978) 394-1832
chuckgallant22@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Pierson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:50:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts doesn't usually lag behind other states, but this is a tragedy in the making that normally would have had Massachusetts at the FOREFRONT rather than lagging behind. Embarrassing and a denial of so much that Massachusetts has modeled in environmental and habitat management.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Karen Pierson

PO Box 1337
Orleans, MA 02653-1337
(508) 255-3533
karenmperson@gmail.com

From: [Mass Audubon](#) on behalf of [Lisa Pratt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:50:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Lisa Pratt
11 Smiths Lane
Kingston, MA 02364
(617) 653-7178
prattlisa63@gmail.com

From: [Mass Audubon](#) on behalf of [Rachel Collard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:50:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Rachel Collard
57 camp street
West Yarmouth, MA 02673
(774) 487-0512
rachelcollard83@gmail.com

From: [Mass Audubon](#) on behalf of [Patricia Doggett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Patricia Doggett
2A Derby Lane
Salisbury, MA 01952
(978) 239-7891
patty.doggett@gmail.com

From: [Mass Audubon](#) on behalf of [Phila Slade](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Phila Slade
21 Bradford Street
North Andover, MA 01845
(978) 476-3036
philaslade1@gmail.com

From: [Mass Audubon](#) on behalf of [Stuart Armstrong](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Stuart Armstrong
38 Ridge Road
Milton, MA 02186
(617) 470-8699
stuartarm@aol.com

From: [Mass Audubon](#) on behalf of [James Mawhinney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. James Mawhinney
35 Hawks Wing Rd
South Yarmouth, MA 02664
(617) 784-7579
jimmymawhinney@gmail.com

From: [Mass Audubon](#) on behalf of [Joanne Ciborowski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Joanne Ciborowski
9 Jefferson Way
Carver, MA 02330-1614
(508) 465-0684
joannecibby@comcast.net

From: [Mass Audubon](#) on behalf of [Mariana Muniz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mariana Muniz
96 CHESTNUT ST, 2, 2
SPENCER, MA 01562
(774) 232-2844
marianammv7@gmail.com

From: [Mass Audubon](#) on behalf of [Deb Baker](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:26 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts needs to reconsider horseshoe crab harvesting regulations, as local populations of this iconic species have become so depleted that I no longer see them on the beaches of North Weymouth (and they were here back in the 1970s, before the harbor cleanup!). Other Atlantic coast states like New Jersey and South Carolina have put stronger protections in place for horseshoe crabs, and Massachusetts should follow suit.

Harvesting of horseshoe crabs for medical needs and for the bait fishery needs to be done with conservation in mind; otherwise, there of course will one day be none to harvest. Sufficient time needs to be allowed to the species so that they can spawn and reproduce themselves; this is only common sense. These crabs are obviously quite tough, but they're not so tough that current guidelines haven't noticeably cut their numbers; thus, these guidelines need to change.

With other signs of an active ecology visible out there in Boston Harbor, it's time that horseshoe crabs had some support so that they can play their part.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deb Baker
96 Judith Rd
North Weymouth, MA 02191-1753
(781) 335-9378
db93017@gmail.com

From: [Mass Audubon](#) on behalf of [Wendy Ward](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Wendy Ward
79 Spencer Knowles Rd
Rowley, MA 01969
(978) 758-2799
wwendy614@comcast.net

From: [Mass Audubon](#) on behalf of [Paola Rebusco](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Paola Rebusco
179 spring st
Cambridge, MA 02141
(617) 308-2397
paoreb@gmail.com

From: [Mass Audubon](#) on behalf of [Nichole Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Nichole Smith
515 Keene Street
Duxbury, MA 02332
(919) 522-8211
smithnicholem@gmail.com

From: [Mass Audubon](#) on behalf of [Sibyl Senters](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sibyl Senters
73 Fuller St.
Brookline, MA 02446
(617) 904-4091
sibylsarts@rcn.com

From: [Mass Audubon](#) on behalf of [Carole McCarey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carole McCarey
699 Main Street
Cotuit, MA 02635
(508) 428-8172
cotuitcarole@gmail.com

From: [Mass Audubon](#) on behalf of [Linda Chokroverty](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:45:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Linda Chokroverty
1349 Lexington Avenue, #1EB
New York, NY 10128
(347) 427-4210
chocolatebirdie@aol.com

From: [Mass Audubon](#) on behalf of [Donna Smiley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:20:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As a year round Cape resident, I have witnessed a drastic decrease of horseshoe crabs. Long Beach in Centerville is a prime breeding ground for these amazing creatures. Ten years ago they were a strong species. Sparse now. Please help pass this initiative. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Donna Smiley
90 Wilton Dr
Centerville, MA 02632-2941

(508) 524-8311
lavendert5@gmail.com

From: [Mass Audubon](#) on behalf of [Peter Meerbergen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:20:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Peter Meerbergen
20 Rugged Road
Nantucket, MA 02554
(508) 228-0056
meerbergen@comcast.net

From: [Mass Audubon](#) on behalf of [Shelagh McCauley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:15:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Shelagh McCauley
1 Eastern Point Blvd
Gloucester, MA 01930
(978) 283-5938
mccauleyse@gmail.com

From: [Mass Audubon](#) on behalf of [Joanne Spofford](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:15:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Joanne Spofford
13 Pheasant Ln
Topsfield, MA 01983-1040
(508) 767-1099
jospofford@gmail.com

From: [Mass Audubon](#) on behalf of [Renee White](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:15:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Renee White
5 Ida Rd
Marblehead, MA 01945-1818
(781) 844-2581
reneewhite321@gmail.com

From: [Mass Audubon](#) on behalf of [Tiara Butler Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:15:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Tiara Butler Smith
26 Alwin st
Hyde Park, MA 02136
(617) 894-2926
tbutlersmith@aol.com

From: [Mass Audubon](#) on behalf of [Carol Slaguero](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:15:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carol Slaguero
POB 1847
Vineyard Haven, MA 02568
(774) 563-1248
sloopsuigeneris@gmail.com

From: [Mass Audubon](#) on behalf of [Leslie Zarella](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:15:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Leslie Zarella
20 Richardson Street
Wakefield, MA 01880
(978) 210-8931
brandylu227@gmail.com

From: [Mass Audubon](#) on behalf of [Patricia Durant](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:50:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Patricia Durant
17 SPYGLASS LN
PLYMOUTH, MA 02360-2244
(781) 733-4641
pldurant5@gmail.com

From: [Mass Audubon](#) on behalf of [William Finn](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:50:53 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. William Finn
96 Dog Lane
Marshfield, MA 02050
(781) 254-9096
wfwcfa@verizon.net

From: [Mass Audubon](#) on behalf of [Kristina Aikens](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:50:52 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kristina Aikens
17 Woodrow Ave.
Medford, MA 02155
(617) 909-3161
kristina.aikens@gmail.com

From: [Mass Audubon](#) on behalf of [Ben Cabral](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:45:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Ben Cabral
10 Rogers Avenue
Taunton, MA 02780
(508) 317-5055
cabral_ben@hotmail.com

From: [Mass Audubon](#) on behalf of [Deirdre Riley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:45:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As someone who grew up on Cape cod and continue to spend time there, it's evident the numbers of horseshoe crabs has dropped precipitously in the past few decades. Let's not see these incredible creatures go extinct.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Deirdre Riley
31 Pond Street,
COHASSET, MA 02025
(508) 740-5771
williams_deirdre@yahoo.com

From: [Mass Audubon](#) on behalf of [JESSICA Bryant](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:45:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. JESSICA Bryant
55 Chilton st
Cambridge, MA 02138
(774) 217-1395
jessawbryant@gmail.com

From: [Mass Audubon](#) on behalf of [Dean Rose](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:45:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Dean Rose
12 mulberry
Groveland, MA 01834
(978) 891-0910
deanrose@comcast.net

From: [Mass Audubon](#) on behalf of [Karen Arnold](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:45:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Karen Arnold
1154 Old Queen Anne Road
Harwich, MA 02645
(508) 237-7244
karen.arnold@gibbonsir.com

From: [Mass Audubon](#) on behalf of [Robert Nolan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:45:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Robert Nolan
PO Box 1954
North Eastham, MA 02651-1954
(508) 736-1121
bobmarthanolan@gmail.com

From: [Mass Audubon](#) on behalf of [Darcy Mallowes](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:45:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Darcy Mallowes
19 oceanview terrace
Chatham, MA 02633
(508) 280-3023
darcyconnor@comcast.net

From: [Mass Audubon](#) on behalf of [Lynn Southey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:20:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lynn Southey
PO Box 935
S. WELLFLEET, MA 02663
(508) 246-1029
peasoupgraphics@gmail.com

From: [Mass Audubon](#) on behalf of [Lydia Bartholomew](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lydia Bartholomew
925 Phinneys Ln
Centerville, MA 02632-1946
(203) 503-8861
lydia.bartholomew@gmail.com

From: [Mass Audubon](#) on behalf of [Pam Steel](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

It has been evident as I walk on the beach in the last years that the horseshoe crab population is greatly depleted. This creature, who has such a long history and been helpful in medical research needs to be protected.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Pam Steel
259 Beacon Street, Apt 20

Boston, MA 02116
(203) 206-1548
psteel@mac.com

From: [Mass Audubon](#) on behalf of [John Spencer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Spencer
9 Hawthorne Place apt 5-O
Boston, MA 02114
(617) 870-3554
leithharbour@yahoo.com

From: [Mass Audubon](#) on behalf of [Garland Kincaid](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Garland Kincaid
15 Church St, Apt #8
Natick, MA 01760
(508) 561-8278
garkincaid@gmail.com

From: [Mass Audubon](#) on behalf of [Caitlin Merrill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

This is a matter that is very important to me. I have been a recreational user of the Essex River for 45 years and have a lifetime of memories of horseshoe crabs.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Caitlin Merrill
85 Union St
S Hamilton, MA 01982-2116

(978) 468-1095
caitlinnelson@hotmail.com

From: [Mass Audubon](#) on behalf of [Sandra Phillips](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Please save our horseshoe crabs.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Sandra Phillips
25 Jackbon Rd
Mashpee, MA 02649
(407) 314-6940
sPhillips1187@yahoo.com

From: [Mass Audubon](#) on behalf of [Nancy Villone](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Nancy Villone
57 Country Club Dr
Cummaquid, MA 02637
(508) 740-0545
villonen@comcast.net

From: [Mass Audubon](#) on behalf of [Cindi Fitzmaurice](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Cindi Fitzmaurice
33 maugus Ave
Wellesley, MA 02481
(781) 772-1773
cfitzmaurice2008@gmail.com

From: [Mass Audubon](#) on behalf of [John Ulshoeffer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Ulshoeffer
32 Barnacle Rd
Yarmouth Port, MA 02675
(413) 315-0086
ulshoefferjp@comcast.net

From: [Mass Audubon](#) on behalf of [David Langan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. David Langan
68 Corporation Rd
Dennis, MA 01926
(518) 429-3756
dalangan61@gmail.com

From: [Mass Audubon](#) on behalf of [Sean King](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 7:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Sean King
15 Charles St
Newburyport, MA 01950
(978) 499-7713
sean.kingfish@gmail.com

From: [Mass Audubon](#) on behalf of [Gloria Ascher](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:50:46 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Please do help protect these amazing animals!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Gloria Ascher
23 Watson St.
Hyannis, MA 02601
(617) 785-4672
gloria.ascher@tufts.edu

From: [Mass Audubon](#) on behalf of [Dena Steele](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:50:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Dena Steele
P.O. Box 696
Tuxedo Park, NY 10987
(845) 351-2835
piperdog@mac.com

From: [Mass Audubon](#) on behalf of [Jackie Friedman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:50:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Jackie Friedman
10 north bog rd
Edgartown, MA 02539
(917) 855-1891
dr.jackiefriedman@gmail.com

From: [Mass Audubon](#) on behalf of [Patricia Montgomery](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:50:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Patricia Montgomery
730 Broadway
Hanover, MA 02339
(781) 826-8594
tricia8594@yahoo.com

From: [Mass Audubon](#) on behalf of [Tod Christie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:50:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I have participated in Mass Audubon's horseshoe crab spawning surveys, and is disheartening to see how few crabs remain compared to years past.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Tod Christie
995 Old Orchard Road
Eastham, MA 02642

(201) 406-0464
tod.christie@gmail.com

From: [Mass Audubon](#) on behalf of [Pamela Latimer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Pamela Latimer
1599 orleans rd
Harwich, MA 02645
(774) 212-5396
platimer4943@comcast.net

From: [Mass Audubon](#) on behalf of [Lindi Higgins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Lindi Higgins
154 Old Valley Rd
Brewster, MA 02631-2044
(603) 769-1906
lindi.higgins154@gmail.com

From: [Mass Audubon](#) on behalf of [Cristina feeley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cristina feeley
350 Revere St
Winthrop, MA 02152
(520) 275-7099
creewag@gmail.com

From: [Mass Audubon](#) on behalf of [Linda Silver](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linda Silver
1 Carleton Dr.
Mashpee, MA 02649
(774) 521-3325
dyphna12@gmail.com

From: [Mass Audubon](#) on behalf of [Gretchen Robinson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Gretchen Robinson
1 Wood St.
Attleboro, MA 02703
(508) 226-2910
whistling.girl2910@gmail.com

From: [Mass Audubon](#) on behalf of [Lisa Damato](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lisa Damato
9 Mari Jane Rd
West Dennis, MA 02670
(781) 789-1996
ljdamato62@gmail.com

From: [Mass Audubon](#) on behalf of [Patricia Evans](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I grew up here on the North Shore, on Parker River in Newbury, MA, and want to protect the horseshoe crabs that have been present here all of my life. I also have a deep concern for the Red Knots that migrate here with stop-overs on Plum Island in the Parker River National Wildlife Refuge, where they rely on horseshoe crab eggs. I have been a volunteer for over ten years and want to do what I can to preserve this pristine refuge and maintain the horseshoe crab population.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Patricia Evans
PO Box 1924
Seabrook, NH 03874
(978) 273-6745
patty593@gmail.com

From: [Mass Audubon](#) on behalf of [Mary Langner](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Mary Langner
29 Quail Run
Duxbury, MA 02332-5118
(781) 812-6889
marylangner77@gmail.com

From: [Mass Audubon](#) on behalf of [Amy Russo](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amy Russo
17 West Cedar St
BOSTON, MA 02108
(646) 431-1544
arusso57@aol.com

From: [Mass Audubon](#) on behalf of [Blake Cady MD](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Blake Cady MD
24 Walnut Place
Brookline, MA 02445
(401) 588-1604
bcady123@comcast.net

From: [Mass Audubon](#) on behalf of [Brenda Devroe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Brenda Devroe
40 Gartland Street
Jamaica Plain, MA 02130
(603) 654-7890
brendadevroe@gmail.com

From: [Mass Audubon](#) on behalf of [Jacqualyn Fouse](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Jacqualyn Fouse
Po Box 1485
Wellfleet, MA 02667-1485
(817) 320-4828
texasproust1@yahoo.com

From: [Mass Audubon](#) on behalf of [Elizabeth Murphy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Elizabeth Murphy
59 Main St Unit 6-2
Dennis, MA 02638-1935
(317) 833-0134
emurphy123@mac.com

From: [Mass Audubon](#) on behalf of [Judith Shumway](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Judith Shumway
278 Capn Lijahs Road
Centerville, MA 02632
(802) 379-4424
jashum@comcast.net

From: [Mass Audubon](#) on behalf of [Michelle Alexander](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As a little girl, I was amazed by horseshoe crabs. Only later in my years did I understand what truly incredible creatures they are. And the need to protect them for years to come.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Michelle Alexander
33 Thomegan Rd
Brewster, MA 02631

(617) 448-6347
alexandermichelle@comcast.net

From: [Mass Audubon](#) on behalf of [Nancy Davison](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Davison
38 Charles st
South Dennis, MA 02660
(508) 364-7056
nancy.d1007@gmail.com

From: [Mass Audubon](#) on behalf of [Astoria Hall](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Astoria Hall
198 Oak Ln
West Tisbury, MA 02575
(508) 939-0545
astoria.hall@yahoo.com

From: [Mass Audubon](#) on behalf of [Diane Oberheim](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:45:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Diane Oberheim
19 Whitney Ave Apt 21
Beverly, MA 01915-3455
(978) 998-9105
dioberheim@icloud.com

From: [Mass Audubon](#) on behalf of [Roberta Gregoire](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:20:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Roberta Gregoire
158 Franklin Street
Wrentham, MA 02093
(508) 942-7001
rlgregoire@msn.com

From: [Mass Audubon](#) on behalf of [Tina Mastrocola](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:20:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Tina Mastrocola
79 Gardner Street
South Hamilton, MA 01982
(978) 468-3564
mastrocola.tina@gmail.com

From: [Mass Audubon](#) on behalf of [Lindsay Knowlton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:20:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration. And by saving them you save the red knots too!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lindsay Knowlton
303 Linden Ponds Way
Hingham, MA 02043
(781) 875-1333
lktess12@gmail.com

From: [Mass Audubon](#) on behalf of [Hilary Mattison](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I grew up seeing so many. Now there are none. Why? Why is this allowed?

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Hilary Mattison
35 Addison st
Essex, MA 01929
(617) 645-5945

hilary.mattison@gmail.com

From: [Mass Audubon](#) on behalf of [Lawrence Bertrand](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Lawrence Bertrand
6 Tarpaulin Way
Wareham, MA 02571
(802) 373-4069
bertrand.larry@yahoo.com

From: [Mass Audubon](#) on behalf of [Maryann O'Brien](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Maryann O'Brien
500 Commercial St
Boston, MA 02109
(617) 228-4349
mao272@aol.com

From: [Mass Audubon](#) on behalf of [Janet Swanson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Janet Swanson
146 stagecoach dr
South chatham, MA 02659
(774) 722-0319
gnomebuddy@yahoo.com

From: [Mass Audubon](#) on behalf of [Michael Waddell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Waddell
153 Boles Rd
Marshfield, MA 02050
(781) 837-4717
mwaddell@mwdb.com

From: [Mass Audubon](#) on behalf of [Kimberley Yout](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kimberley Yout
B8 Shellback Way
Mashpee, MA 02649
(781) 760-6858
kimberleyyout@yahoo.com

From: [Mass Audubon](#) on behalf of [Stephen Washburn](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Stephen Washburn
57 Mill Pond Ln
Marshfield, MA 02050
(781) 837-7499
scwashburn@verizon.net

From: [Mass Audubon](#) on behalf of [Helen Ladd](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Helen Ladd
Pob 3163
Waquoit, MA 02536
(508) 274-9378
hslhoagy@aol.com

From: [Mass Audubon](#) on behalf of [Susan Oleyer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Susan Oleyer
34 Studley Rd
South Yarmouth, MA 02664-4238
(508) 694-5916
suewall@snet.net

From: [Mass Audubon](#) on behalf of [Lydia Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lydia Smith
6 2nd Ave
Middleton, MA 01949
(617) 512-3693
silver595@yahoo.com

From: [Mass Audubon](#) on behalf of [david appleton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. david appleton
50 pioneer dr
duxbury, MA 02322
(617) 642-5568
davidappletonlac@gmail.com

From: [Mass Audubon](#) on behalf of [Kelly Petitt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kelly Petitt
5 Woodbine St
Somerville, MA 02143
(857) 523-9807
kellyepetitt@gmail.com

From: [Mass Audubon](#) on behalf of [Patricia Cantor Petrucelly](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Patricia Cantor Petrucelly
17 KENWOOD ST
CAMBRIDGE, MA 02139-4466
(617) 354-1626
jeffpat17@msn.com

From: [Mass Audubon](#) on behalf of [Gregory Lichtenberg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Gregory Lichtenberg
148 BANK ST APT 4A
NEW YORK, NY 10014-2020
(917) 412-3287
gflichten@yahoo.com

From: [Mass Audubon](#) on behalf of [Donna Cohen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Donna Cohen
1 partridge rd
Hopkinton, MA 01748
(508) 555-5555
cohen96@comcast.net

From: [Mass Audubon](#) on behalf of [Georgia Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Georgia Smith
1070 Washington St
Gloucester, MA 01930
(617) 594-0349
georgiag14@yahoo.com

From: [Mass Audubon](#) on behalf of [Tracey Salley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Tracey Salley
38 Nickerson Road
Orleans, MA 02653
(508) 255-9333
yellasta@gmail.com

From: [Mass Audubon](#) on behalf of [Catherine Fedorsky](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Catherine Fedorsky
10 Rockwood Lane
Gloucester, MA 10930
(978) 491-0171
fedorsky@gmail.com

From: [Mass Audubon](#) on behalf of [WILLIAM CUMMINS](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. WILLIAM CUMMINS
4 Grassy Knoll Way
Orleans, MA 02653
(978) 799-1916
whcummins@gmail.com

From: [Mass Audubon](#) on behalf of [Sue Brady](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sue Brady
P.O. Box 1299
N.Eastham, MA 02651
(508) 246-4924
susanpbrady@gmail.com

From: [Mass Audubon](#) on behalf of [Maya Katz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 6:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Maya Katz
2727 Palisade ave apt 6D
Bronx, NY 10463
(917) 655-3880
sushigirlmaya@gmail.com

From: [Mass Audubon](#) on behalf of [Susan DeMaria](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:50:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan DeMaria
241 Carver Rd
Plymouth, MA 02360
(143) 549-5959
susandemaria@gmail.com

From: [Mass Audubon](#) on behalf of [Joan Paquette](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:50:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Joan Paquette
18 Carr Rd
Duxbury, MA 02332
(781) 834-7581
joanpaquette_50@yahoo.com

From: [Mass Audubon](#) on behalf of [Sheree P Koppel](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:50:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Sheree P Koppel
1473 Mary Dunn Road
Barnstable, MA 02630
(502) 297-1749
shereekoppel@hotmail.com

From: [Mass Audubon](#) on behalf of [Sally Coughlin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:50:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Sally Coughlin
52 Upland Road
Brookline, MA 02445
(617) 277-0104
sally.coughlin@gmail.com

From: [Mass Audubon](#) on behalf of [Margaret Miller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:50:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

I am participating in counting horseshoe crabs at Plymouth Long Beach.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Margaret Miller
8 Woodsong
Plymouth, MA 02360
(508) 224-0914
kdmfmiller@yahoo.com

From: [Mass Audubon](#) on behalf of [Douglas Franklin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

I attended a hearing at the Mass. Maritime Academy in 2000 when local citizens petitioned the DMF to regulate the taking of horseshoe crabs for any reason, and I followed up then with a letter to DMF concerned then that collectors for bait and medical purposes would increase their activities in Wellfleet Harbor.

I've been blessed to live 23 years beyond that hearing, and I have to say that there are much fewer horseshoe crabs in the Wellfleet Harbor area than in the 1950's when I was a kid, or in 2000 when I began to be concerned about their population.

Both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Douglas Franklin
265 Eastwind Circle
South Wellfleet, MA 02663-0462
(508) 349-1633
dougfranklin2020@gmail.com

From: [Mass Audubon](#) on behalf of [Sarah Lynne Reul](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sarah Lynne Reul
85 Cedar Street
Wakefield, MA 01880
(617) 388-9394
thereul@gmail.com

From: [Mass Audubon](#) on behalf of [Debbie Lengen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Debbie Lengen
4 Collier Road
Scituate, MA 02066
(781) 378-1787
deblengen@yahoo.com

From: [Mass Audubon](#) on behalf of [Stewart Pattison](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Stewart Pattison
29 Ryder Pond West Rd
Chatham, MA 02633
(518) 956-0950
stewartpattison@gmail.com

From: [Mass Audubon](#) on behalf of [Nicole McNeish](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Nicole McNeish
1165 Phenix Ave
Cranston, RI 02921
(781) 987-4475
negallup@comcast.net

From: [Mass Audubon](#) on behalf of [Patrick Burke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Patrick Burke
31 Lake St.
Plympton, MA 02367
(781) 588-7195
tpburke@comcast.net

From: [Mass Audubon](#) on behalf of [Marjorie Wylde](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marjorie Wylde
67 Woodlawn Drive
Williamstown, MA 01267
(413) 441-5265
ballie_2158@hotmail.com

From: [Mass Audubon](#) on behalf of [Natalie Coleman-Fuller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Natalie Coleman-Fuller
177 Countryside Drive
Chatham, MA 02633
(860) 992-2086
ncolemanfuller@gmail.com

From: [Mass Audubon](#) on behalf of [Anne G. Cann](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Anne G. Cann
339 Spencer Drive
Amherst, MA 01002
(413) 253-7753
cann.amherst@gmail.com

From: [Mass Audubon](#) on behalf of [Andrew King](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Andrew King
45 Cranston St
Boston, MA 02130
(617) 477-3515
aaking@bu.edu

From: [Mass Audubon](#) on behalf of [Linda King](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linda King
18 Stonefield Dr.
East Sandwich, MA 02537
(508) 833-8239
jato8@aol.com

From: [Mass Audubon](#) on behalf of [Marissa Consolantis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marissa Consolantis
59 Jonathan's Way
Brewster, MA 02631
(901) 830-9958
rissasemail@hotmail.com

From: [Mass Audubon](#) on behalf of [Bud Johnson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Bud Johnson
34 Country Lane
Brewster, MA 02631
(774) 722-0212
bernjohnnb@gmail.com

From: [Mass Audubon](#) on behalf of [Cristine Van Dyke](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Cristine Van Dyke
344 BARRETTS MILL ROAD
Concord, MA 01742
(978) 369-3421
cris_vandyke@yahoo.com

From: [Mass Audubon](#) on behalf of [Joe Bayne](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joe Bayne
25 Stonehaven Dr. unit 149
Salem, MA 02190
(508) 633-3248
joebayne@comcast.net

From: [Mass Audubon](#) on behalf of [Merrilee Connors](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Merrilee Connors
P.o. Box 16, Granville.,Ma 01034
Granville, MA 01034
(413) 357-8577
jconn458@gmail.com

From: [Mass Audubon](#) on behalf of [Rob Meyer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:20:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Rob Meyer
75 Jason St.
Arlington, MA 02476
(781) 799-8229
meyer75@comcast.net

From: [Mass Audubon](#) on behalf of [Susanne Conley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:20:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Susanne Conley
6 Whiting Lane
Plymouth, MA 02360
(774) 454-9091
sconley78@gmail.com

From: [Mass Audubon](#) on behalf of [Christine Shreves](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:20:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Christine Shreves
80 Knowles Dyer Rd
Wellfleet, MA 02667-7103
(703) 855-6128
ecshreves@gmail.com

From: [Mass Audubon](#) on behalf of [Lance Miller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:20:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is a wonderfully progressive state, but with respect to the disappearing horseshoe crab it is behind - NJ and SC have much better protection. The crab - I knew it as *Limulus* in grad school when I studied its amazing visual system - is an ancient survivor that is treated as trash by fishermen who could easily find other bait and as a vampire target by the lazy medical and pharma community who drain its blue blood, especially from pregnant females. There are other means of getting their useful molecules - from human blood (the monocyte activation test and the in vitro pyrogen test). And let them devise other less-destructive means.

Please support updating the horseshoe crab harvesting regulations to allow their depleted numbers to replenish, the threatened Red Knot shorebird to continue its natural diet, and the human community young and old to continue to enjoy the amazing antics of this engaging species.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Lance Miller
20 First Avenue #1649
Wellfleet, MA 02667
(508) 364-4080
lancish@alum.mit.edu

From: [Mass Audubon](#) on behalf of [Nancy Braun](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:20:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Braun
PO Box 272
North Truro, MA 02652-0272
(413) 297-2785
nancytruro@gmail.com

From: [Mass Audubon](#) on behalf of [Kate Washton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:20:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kate Washton
P.O. Box 85
Wellfleet, MA 02663
(914) 419-9178
katewashton@gmail.com

From: [Mass Audubon](#) on behalf of [Dennis Keeney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:20:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Dennis Keeney
20 Independence Road
Pepperell, MA 01463
(978) 877-0288
keeney20@charter.net

From: [Mass Audubon](#) on behalf of [James Buck](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. James Buck
1 Kingston Collection Way, #303
Kingston, MA 02364
(310) 850-5804
buckman18@aol.com

From: [Mass Audubon](#) on behalf of [Gary Bokenkamp](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Gary Bokenkamp
155 Bog Pond Road
Brewster, MA 02631
(802) 548-7305
bgboke@gmail.com

From: [Mass Audubon](#) on behalf of [Thomas Barboza](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Thomas Barboza
240 Park Ave
E Wareham, MA 02538
(508) 317-4304
tjkb@comcast.net

From: [Mass Audubon](#) on behalf of [Trevor Lloyd-Evans](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Trevor Lloyd-Evans
44 West Street
Plympton, MA 02367
(781) 585-1316
tlloyd-evans@manomet.org

From: [Mass Audubon](#) on behalf of [Kathryn Bosler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathryn Bosler
25 Glendon Rd
Woods Hole, MA 02543
(774) 612-3902
kbosler@yahoo.com

From: [Mass Audubon](#) on behalf of [Vira Slywotzky](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Vira Slywotzky
25 Charles St.
New York, NY 10014
(203) 671-7514
virasly@yahoo.com

From: [Mass Audubon](#) on behalf of [Erin Connor](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Erin Connor
Box 505
ROCKLAND, MA 02370
(617) 688-8176
irish7072@aol.com

From: [Mass Audubon](#) on behalf of [Victoria Milne](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Victoria Milne
32 Keel Cape Drive
South Yarmouth, MA 02664
(315) 380-7777
vlmilne50@hotmail.com

From: [Mass Audubon](#) on behalf of [Bruce MacPhail](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Bruce MacPhail
4 Linden Ave
Beverly, MA 01915
(978) 927-7931
bruced530@yahoo.com

From: [Mass Audubon](#) on behalf of [Karen Bartmus](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Karen Bartmus
20 Freeman Ln
Orleans, MA 02653-2006
(310) 597-1597
kbartmus@yahoo.com

From: [Mass Audubon](#) on behalf of [Christine Ayres](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Christine Ayres
587 Wilmarth street
Attleboro, MA 02703
(508) 212-8237
sunbird20@comcast.net

From: [Mass Audubon](#) on behalf of [Marcia Walsh](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Marcia Walsh
13 Tarpaulin Way
Wareham, MA 02571
(978) 846-0976
microprof.mlw@gmail.com

From: [Mass Audubon](#) on behalf of [Annette winther](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Annette winther
8 Cove Rd
South Dennis, MA 02660
(908) 399-7400
annette.winther@gmail.com

From: [Mass Audubon](#) on behalf of [jess leslie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. jess leslie
452 Long Pond Drive
Harwich, MA 02645
(347) 263-1948
jess.lynn.kimball@gmail.com

From: [Mass Audubon](#) on behalf of [Patrick Saunders](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Patrick Saunders
70 Wethersfield st
Rowley, MA 01969
(978) 500-8092
psaunders1@comcast.net

From: [Mass Audubon](#) on behalf of [James Armstrong](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I grew up with horseshoe crabs. They were a fascinating part of my childhood. Like anything that's valuable, if people don't have parameters for use, a desirable item could be all used up. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. James Armstrong
62 Cornell rd.
Marblehead, MA 01945
(617) 834-6778

rollright@aol.com

From: [Mass Audubon](#) on behalf of [John D'Andrea](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John D'Andrea
87 Central Street
Rockland, MA 02370
(617) 590-0147
jdandrea1042@comcast.net

From: [Mass Audubon](#) on behalf of [Brian Callahan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Brian Callahan
11 Gerry Road
Lynnfield, MA 01940
(617) 271-7177
callahanbrianp@gmail.com

From: [Mass Audubon](#) on behalf of [Peter Fang](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Peter Fang
154 Longview Dr
Centerville, MA 02632
(774) 470-6950
fangmail@comcast.net

From: [Mass Audubon](#) on behalf of [Wendy Ritger](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Wendy Ritger
435 Range Road
Blue Hill, ME 04614
(207) 664-9268
waritger@yahoo.com

From: [Mass Audubon](#) on behalf of [Alicia Downs](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Alicia Downs
41 Locust Land
Chatham, MA 02633
(917) 623-3819
awddowns@gmail.com

From: [Mass Audubon](#) on behalf of [David Cronin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Cronin
204 Eaton Lane
Brewster, MA 02631
(203) 733-3074
davcron@aol.com

From: [Mass Audubon](#) on behalf of [Dana Smith](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Dana Smith
158 Martin Street
Carlisle, MA 01741
(978) 369-7673
dana_e_smith@comcast.net

From: [Mass Audubon](#) on behalf of [Kathleen Lonergan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 5:15:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathleen Lonergan
147 Grove Street
READING, MA 01867
(617) 320-9568
kitlonergan@gmail.com

From: [Mass Audubon](#) on behalf of [Martha Nikas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Martha Nikas
3 Congress St.
Ipswich, MA 01938
(978) 356-1254
m_nikas@hotmail.com

From: [Mass Audubon](#) on behalf of [Denise Desplaines](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

How is it that we're messing up something that has been here for millennia?

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Denise Desplaines
46 Timberlane Drive
Brewster, MA 02631
denisewrites@gmail.com

Again, I support the proposed regulation changes, and hope to see the

Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Denise Desplaines
46 Timberlane Drive
Brewster, MA 02631
(508) 255-2395
denisewrites@gmail.com

From: [Mass Audubon](#) on behalf of [Theodore Moore](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Plus, horseshoe crabs are amazing creatures who are inspiring to many of us for their survival over millions of years - it would be a tragedy if we contributed to their demise.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Theodore Moore
143 Thorndike St
Cambridge, MA 02141

(617) 909-1251
ted.moore3@gmail.com

From: [Mass Audubon](#) on behalf of [Jon Way](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Jon Way
89 Ebenezer Road
Osterville, MA 02655
508
jw9802@yahoo.com

From: [Mass Audubon](#) on behalf of [John Miller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Miller
1254 Lake Shore Dr
Carol Stream, IL 60188
(224) 520-8184
laziej@aol.com

From: [Mass Audubon](#) on behalf of [Steven Iskra](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Steven Iskra
19 Raymond Ave
Beverly, MA 01915
(978) 808-3823
saiskra@gmail.com

From: [Mass Audubon](#) on behalf of [Joseph Roche](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joseph Roche
28 Old Wood Road
North Attleboro, MA 02760
(617) 901-9116
josephproche@verizon.net

From: [Mass Audubon](#) on behalf of [James Sweeney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. James Sweeney
13 Dailey Ave.
Easton, MA 02356
(781) 975-8299
j.sweeney2884@gmail.com

From: [Mass Audubon](#) on behalf of [Andrew Fowlie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Andrew Fowlie
164 Hobart St
Danvers, MA 01923-1808
(305) 393-9361
ajfowlie999@gmail.com

From: [Mass Audubon](#) on behalf of [Laurene Gerrior](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Dear Mr. McKiernan,

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

I remember when I was young (50's and 60's) we would go to Swifts Beach or anywhere else on the South Coast in the spring and there would be so many horseshoe crabs. Haven't seen that for a long while. We must protect and limit the taking of these ancient animals.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Laurene Gerrior
42 Sarah Reed Hunt Way
Middleboro, MA 02346
(508) 763-4223
arethusa@comcast.net

From: [Mass Audubon](#) on behalf of [Anca Vlasopolos](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:50:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Anca Vlasopolos
580 Lumbert Mill Rd.
Centerville, MA 02632-2606
(774) 228-2445
vlasopolos@gmail.com

From: [Mass Audubon](#) on behalf of [Krista Zurek](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Krista Zurek
8 Lamprey St.
Newmarket, NH 03857
(603) 319-7062
kristamarierezurek@gmail.com

From: [Mass Audubon](#) on behalf of [Clara Van de Water](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Clara Van de Water
26 Heirs Landing
South Dennis, MA 02660
(508) 694-7538
cbvandewater@gmail.com

From: [Mass Audubon](#) on behalf of [Elizabeth Braswell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Elizabeth Braswell
184 India St.
Brooklyn, NY 11222
(917) 362-2672
liz@lizbraswell.com

From: [Mass Audubon](#) on behalf of [R C Forrester](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. R C Forrester
346 Gay Street
Westwood, MA 02090
(781) 326-2346
rf@rforrester.net

From: [Mass Audubon](#) on behalf of [Monica Murphy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Monica Murphy
18 swampscott ave
Swampscott, MA 01907
(781) 482-7373
mmmurphy22@yahoo.com

From: [Mass Audubon](#) on behalf of [Merrill Kennison](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Merrill Kennison
12 Wellingsley Avenue
Plymouth, MA 02360-2933
(508) 241-1422
mskennison@gmail.com

From: [Mass Audubon](#) on behalf of [Margaret Stienstra](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Margaret Stienstra
371 Rt. . 28
HarwichPort, MA 06473
(774) 408-0878
schemeten@gmail.com

From: [Mass Audubon](#) on behalf of [Nancy Crews](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nancy Crews
1266 Northridge Rd
Highlands Ranch, CO 80126
(303) 842-2833
nbcrews46@msn.com

From: [Mass Audubon](#) on behalf of [Bridgette Braley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Bridgette Braley
33 Forest St
DUNSTABLE, MA 01827
(978) 771-6694
bridgettebraley@gmail.com

From: [Mass Audubon](#) on behalf of [Richelle Berard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Richelle Berard
40 Fenno St
Cambridge, MA 02138-6718
(617) 491-7684
richelle.berard@gmail.com

From: [Mass Audubon](#) on behalf of [Peter Stammen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Peter Stammen
P.O. Box 891
Norwell, MA 02061
(401) 741-3906
stammen@mindspring.com

From: [Mass Audubon](#) on behalf of [Elizabeth Dierze](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Elizabeth Dierze
29 Colrain Road
Topsfield, MA 01983
(978) 360-2396
edierze@gmail.com

From: [Mass Audubon](#) on behalf of [Denise Monks](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Denise Monks
79 Redlands Road
West Roxbury, MA 02132
(617) 325-6647
denisemonks@yahoo.com

From: [Mass Audubon](#) on behalf of [Deborah Steven](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deborah Steven
6 Nickerson Rd
Orleans, MA 02653
(774) 722-7006
nausetbum57@gmail.com

From: [Mass Audubon](#) on behalf of [Laura MCCULLOUGH](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Laura MCCULLOUGH
162 PINE BLUFF RD
BREWSTER, MA 02631
(508) 896-2647
hmccullo@gmail.com

From: [Mass Audubon](#) on behalf of [Hannah Ewart](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Hannah Ewart
13 Athens Way
West Yarmouth, MA 02673
(914) 482-3531
hannah.ewart@yahoo.com

From: [Mass Audubon](#) on behalf of [Joyce Stonr](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Joyce Stonr
25 Childs Homestead rd
Orleans, MA 02653
(603) 494-4163
joycerstone@gmail.com

From: [Mass Audubon](#) on behalf of [Scott Vandemark](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Scott Vandemark
353 Great Bay Woods
Newmarket, NH 03857
(978) 873-2767
months.hawker_0h@icloud.com

From: [Mass Audubon](#) on behalf of [Susan Hedman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Hedman
86 Bond St
Gloucester, MA 01930
(978) 325-6226
2winterwren@gmail.com

From: [Mass Audubon](#) on behalf of [Alan Caviness](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Alan Caviness
360 Cove Road
Wellfleet, MA 02667
(508) 733-1337
altvetdoc@comcast.net

From: [Mass Audubon](#) on behalf of [Carol Craig](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Carol Craig
5 Harvest Hollow Dr
Harwich Port, MA 02646
(321) 961-0848
radcc23@hotmail.com

From: [Mass Audubon](#) on behalf of [Brenda Barry](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Brenda Barry
214 Bishops Forest Dr
Waltham, MA 02452-8808
(617) 721-4663
bebarry@comcast.net

From: [Mass Audubon](#) on behalf of [Peter Maki](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Peter Maki
29 Blissful Meadow Dr
Plymouth, MA 02360
(781) 718-6356
pmmaki@comcast.net

From: [Mass Audubon](#) on behalf of [Craig Katz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Craig Katz
2727 Palisade Ave Apt 6D
Bronx, NY 10463
(917) 656-8022
craiglkatz@gmail.com

From: [Mass Audubon](#) on behalf of [Richard Davis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Richard Davis
11 Woodhaven Drive
Andover, MA 01810
(617) 435-9565
radwoodhaven@gmail.com

From: [Mass Audubon](#) on behalf of [Miriam Clifton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Miriam Clifton
19 Ellis Circle
Weymouth, MA 02190
(781) 335-9535
cliftonmernie@yahoo.com

From: [Mass Audubon](#) on behalf of [Priscilla Lane](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Priscilla Lane
5529 SE Morrison
Portland, OR 97215
(503) 239-0496
lanekappes@comcast.net

From: [Mass Audubon](#) on behalf of [Lisa Sirois](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Lisa Sirois
74 Perryville Rd., PO Box 10
Rehoboth, MA 02769
(774) 565-0085
lydia110398@msn.com

From: [Mass Audubon](#) on behalf of [Carrie Stamos](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carrie Stamos
123 Lincoln Rd
Lincoln, MA 01773
(617) 888-8888
carrie637@msn.com

From: [Mass Audubon](#) on behalf of [Linda Dolmatch](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linda Dolmatch
152 State St., Unit 1
Newburyport, MA 01950-6680
(617) 861-7872
linda.dolmatch@verizon.net

From: [Mass Audubon](#) on behalf of [Prasanna Navarasam](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Dear Director

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

So I hope the Div of Marine fisheries will do the needful.

Thank you
Prasanna
Thank you !

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Prasanna Navarasam
38 huckleberry rd
Hopkinton, MA 01748
(508) 720-9275
navaprasanna@yahoo.com

From: [Mass Audubon](#) on behalf of [Kenneth Way](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Kenneth Way
18 Mount Vernon Street
Middleton, MA 01949
(978) 774-1633
kway71@verizon.net

From: [Mass Audubon](#) on behalf of [Deborah Conrad](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deborah Conrad
27 Marshview Drive
Marshfield, MA 02050
(339) 309-8137
dkconradus@gmail.com

From: [Mass Audubon](#) on behalf of [Joan LaCasse](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Joan LaCasse
111 Washington Street, #210
Newport, RI 02840
(401) 651-1241
jfoxbreak@yahoo.com

From: [Mass Audubon](#) on behalf of [Kathy Clobridge](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathy Clobridge
PO Box 1
West Harwich, MA 02671
(508) 241-8595
clobridge@comcast.net

From: [Mass Audubon](#) on behalf of [George Pultz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. It is my understanding that Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

There are many environmental concerns facing our state and the world, many of which present huge challenges. But fixing the regulations to protect the horseshoe crab is a fix that we can afford and accomplish quickly.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. George Pultz
22 Standish Road
Needham, MA 02492
(781) 449-2249
gspultz@gmail.com

From: [Mass Audubon](#) on behalf of [Paul Evangelista](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Paul Evangelista
85 James Otis Rd
Centerville, MA 02632
(781) 656-3891
pevan0001@gmail.com

From: [Mass Audubon](#) on behalf of [Andrew Weymouth](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Andrew Weymouth
257 Oak Street
Marshfield, MA 02050
(401) 369-2057
drewweymouth@hotmail.com

From: [Mass Audubon](#) on behalf of [Thomas Burgess](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Thomas Burgess
658 Main St.
Cotuit, MA 02635
(617) 780-2092
tburgess@brooksschool.org

From: [Mass Audubon](#) on behalf of [Donna Hatch](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Donna Hatch
48 CHANDLER DR
MARSHFIELD, MA 02050-4733
(781) 834-1608
dhatch48@yahoo.com

From: [Mass Audubon](#) on behalf of [Mica Silvia](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mica Silvia
8 slab bridge road
Assonet, MA 02702
(774) 504-0412
micasilvia@aol.com

From: [Mass Audubon](#) on behalf of [Charles Claeys](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Charles Claeys
425 Linebrook Road
Ipswich, MA 01938
(978) 356-7406
cfclaeys@hotmail.com

From: [Mass Audubon](#) on behalf of [Nancy Solomon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Nancy Solomon
10 Birchwood Circle
Sharon, MA 02067
(781) 784-9477
nancysolomon2018@gmail.com

From: [Mass Audubon](#) on behalf of [Cindy Chandler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cindy Chandler
22 Fremont Street
Plymouth, MA 02360
(508) 982-1194
cynthiamchandler@gmail.com

From: [Mass Audubon](#) on behalf of [Thayne Cameron](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Thayne Cameron
47 salt box rd
South Yarmouth, MA 02664
(508) 561-1696
thayneb4@yahoo.com

From: [Mass Audubon](#) on behalf of [Liz Nelson Weaver](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Liz Nelson Weaver
65 E India Row Apt 40c
Boston, MA 02110-3387
(508) 641-4160
nelsonlizm@gmail.com

From: [Mass Audubon](#) on behalf of [Lauren Saraf](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Lauren Saraf
42Peters Lane
Wrentham, MA 02093
(508) 384-5394
prsaraf@verizon.net

From: [Mass Audubon](#) on behalf of [Elizabeth Suttell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Elizabeth Suttell
PO Box 337
Harwich Port, MA 02646
(508) 432-5396
esuttell@aol.com

From: [Mass Audubon](#) on behalf of [John Vellela](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. John Vellela
55 John Thomas Road
Eastham, MA 02642
(774) 801-2144
jsv358@gmail.com

From: [Mass Audubon](#) on behalf of [katherine conway](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. katherine conway
p.o. box 863, 189 n. washington st.
Norton, MA 02766
(508) 212-9756
conway_katherine@wheatoncollege.edu

From: [Mass Audubon](#) on behalf of [Melissa Dimos](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Melissa Dimos
193 Bark Street
Swansea, MA 02777
(978) 807-7601
mdimos@icloud.com

From: [Mass Audubon](#) on behalf of [Pat Neary](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Pat Neary
225Lakeside Dr
Bridgewater, MA 02324
(508) 697-8791
pneary7@aol.com

From: [Mass Audubon](#) on behalf of [Gabe Alfieri](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:45:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Gabe Alfieri
102 Dean St.
Attleboro, MA 02703
(508) 226-0956
gabriel.alfieri@protonmail.com

From: [Mass Audubon](#) on behalf of [Matthew Degnan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Matthew Degnan
527 West 141st
New York, NY 10031
(609) 744-7838
mrdegnan@gmail.com

From: [Mass Audubon](#) on behalf of [Kathleen Minihaue](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathleen Minihaue
947 Hanover Street
Hanover, MA 02229
(617) 755-0038
kminihane@aop.com

From: [Mass Audubon](#) on behalf of [Jan Blanchard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jan Blanchard
137 Russell Mills Rd
Plymouth, MA 02360
(774) 269-1834
jancia46@gmail.com

From: [Mass Audubon](#) on behalf of [Jennie Rathbun](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jennie Rathbun
1516 Massachusetts Ave
Arlington, MA 02476
(617) 460-5443
jhrathbun@gmail.com

From: [Mass Audubon](#) on behalf of [Dan Harrington](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I still remember my terror as a child when first seeing a horseshoe crab in shallow water off Cape Cod. In the decades since I've learned a thing or two, the most important being that we should protect all the creatures of the Earth, even the ones that might seem frightening. It's their world too.

Let's do a better job protecting the horseshoe crabs and all the other animals that depend on them, directly or indirectly.

Dan Harrington

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Dan Harrington
61 Bolton St. #203
CAMBRIDGE, MA 02140
(978) 973-9283
dth9269@yahoo.com

From: [Mass Audubon](#) on behalf of [Nancy Boedeker](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Nancy Boedeker
5858 N New Jersey St
Indianapolis, IN 46220
(857) 303-3390
nboedeker6@verizon.net

From: [Mass Audubon](#) on behalf of [Emily Lubanko](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Emily Lubanko
27 Beechcroft St
Brighton, MA 02135
(203) 907-7919
emilylubanko@gmail.com

From: [Mass Audubon](#) on behalf of [Rosemary DeVeer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Rosemary DeVeer
167 Grand Ave
Falmouth, MA 02540
(508) 299-8163
rosemarydeveer@comcast.net

From: [Mass Audubon](#) on behalf of [Jonathan Barratt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Jonathan Barratt
308 Hixville Rd
Dartmouth, MA 02747
(508) 728-7410
jonathanbarratt_2@hotmail.com

From: [Mass Audubon](#) on behalf of [Ann Howe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Stop the bait harvest! The numbers are visibly and massively diminished. There needs to be a moratorium on ALL harvest of Horseshoe Crabs and careful monitoring.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ann Howe
19 Haromar Heath Rd
Harwich, MA 02645

(617) 547-3641
ankitsa@comcast.net

From: [Mass Audubon](#) on behalf of [Emily James Hansen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:20:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Emily James Hansen
PO Box 397
Eastham, MA 02642
(615) 293-1667
emilyharlanjames@gmail.com

From: [Mass Audubon](#) on behalf of [Jessica Schwarzenbach](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Jessica Schwarzenbach
98 Mount Pleasant Avenue
Gloucester, MA 01930
(617) 939-4658
jschwarzenbach@comcast.net

From: [Mass Audubon](#) on behalf of [Elinor Dankner](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Elinor Dankner
124 palomino dr
Barnstable, MA 02630
(000) 000-0000
chya.d@comcast.net

From: [Mass Audubon](#) on behalf of [Albert Scott](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Albert Scott
14 Howard Street
Wenham, MA 01984
(978) 468-2993
scott1492@verizon.net

From: [Mass Audubon](#) on behalf of [Joseph Valle](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Dear Sir and Madam,

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Sincerely,
Joseph Valle

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Joseph Valle
41 Irving St Apt. 1

Boston, MA 02114
(617) 653-4678
josephsvalle@gmail.com

From: [Mass Audubon](#) on behalf of [Lee Ferrande](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lee Ferrande
228 River Street
Halifax, MA 02338
(781) 336-1213
lferrande@kuraoncology.com

From: [Mass Audubon](#) on behalf of [Linda Willse](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linda Willse
36 Driftway Rd
N Weymouth, MA 02191-2208
(781) 749-0632
lindawillse@yahoo.com

From: [Mass Audubon](#) on behalf of [Susan Roe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Roe
25 Arrowhead Rd
Duxbury, MA 02332
(781) 934-6360
danakellycr@gmail.com

From: [Mass Audubon](#) on behalf of [Shouxian Zhou](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Shouxian Zhou
19 Gardner Terrace,
Braintree, MA 02184
(617) 818-1367
shouxian.zhou@yahoo.com

From: [Mass Audubon](#) on behalf of [Kirsten Feldman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kirsten Feldman
PO Box 953
N Truro, MA 02652
(617) 686-9820
kirsten.b.feldman3@gmail.com

From: [Mass Audubon](#) on behalf of [Shannon Dempsey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Shannon Dempsey
81 Pratt St
Mansfield, MA 02048
(781) 929-3574
shanndempsey@gmail.com

From: [Mass Audubon](#) on behalf of [Ellen Adams](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ellen Adams
54 Amvets Ave
Falmouth, MA 02540
(617) 921-5368
ellenadams0302@gmail.com

From: [Mass Audubon](#) on behalf of [Diane West](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Diane West
7 VALERIE DR
Plainville, MA 02762
(508) 699-9239
dwlorax@gmail.com

From: [Mass Audubon](#) on behalf of [Bronwen Penniman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Bronwen Penniman
39 East St
Ipswich, MA 01938-1321
(978) 239-5708
bronwennenniman@gmail.com

From: [Mass Audubon](#) on behalf of [Carol Bailey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carol Bailey
599 Old West Central St
Franklin, MA 02038
(508) 294-4022
cbxprof@yahoo.com

From: [Mass Audubon](#) on behalf of [Marion Richman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Marion Richman
875 West End Avenue 2C
New York, NY 10025
(212) 316-4601
marionrichman@hotmail.com

From: [Mass Audubon](#) on behalf of [Thomas Schwarz](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Thomas Schwarz
210 West Road 3/5
Wellfleet, MA 02667
(845) 372-7503
thomapl@yahoo.com

From: [Mass Audubon](#) on behalf of [Cornelia Hoskin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cornelia Hoskin
325 Pond St
Jamaica Plain, MA 02130
(617) 945-3599
corneliahoskin@hotmail.com

From: [Mass Audubon](#) on behalf of [Heather Hill](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Heather Hill
6 Prides Path
Orleans, MA 02653
(704) 578-7460
heatheracehill@gmail.com

From: [Mass Audubon](#) on behalf of [Ellen Snoeyenbos](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ellen Snoeyenbos
106 South Street
Halifax, MA 02338
(781) 789-2517
esnnoeyen8@gmail.com

From: [Mass Audubon](#) on behalf of [Kristin Shearer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:18 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kristin Shearer
30 Chapoquoit Rod
West Falmouth, MA 02574
(508) 888-8888
ktcapecod@aol.com

From: [Mass Audubon](#) on behalf of [Gwen Shipley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:17 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Gwen Shipley
89 Wilson Road
Concord, MA 01742
(617) 480-5708
gwenshipley33@gmail.com

From: [Mass Audubon](#) on behalf of [Shelly Hippler-Conway](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

When we moved here permanently in 1988 we sat in amazement on Skaket Beach watching hundreds of these crabs spawning. As of this day - 0 - not one - for the ENTIRE year!! NO egg cases as well. Stunning! Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Shelly Hippler-Conway
54 Possum Wood Rd
Brewster, MA 02631
(508) 221-1677

shelly@capeconways.com

From: [Mass Audubon](#) on behalf of [CHRISTOPHER THOMAS](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. CHRISTOPHER THOMAS
1242 Meridian Circle
Santa Rosa, CA 95401
(707) 328-5345
cnthomas@sonic.net

From: [Mass Audubon](#) on behalf of [Peggy Chan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Peggy Chan
PO Box 326
Eastham, MA 02642
(917) 374-7415
peggychan99@gmail.com

From: [Mass Audubon](#) on behalf of [Kathryn Riley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathryn Riley
4 Adelaide St
Jamaica Plain, MA 02130-2130
(617) 524-4224
riley.kathryn.21109@gmail.com

From: [Mass Audubon](#) on behalf of [Betsey Cogswell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:16 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Betsey Cogswell
46 Gould Ave
Malden, MA 02148
(781) 605-4819
bbcogswell@gmail.com

From: [Mass Audubon](#) on behalf of [Cynthia Franklin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted, and other states have much stronger protections in place for horseshoe crabs.

These regulations are modest at best and should be much more stringent. The fact that landings have not decreased is more likely a function of increased harvesting and not a steady and secure crab population.

As both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June, it is likely that population will be further depleted and soon. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cynthia Franklin
265 Eastwind Circle, Po Box 462
So Wellfleet, MA 02663
(508) 247-7148
cvf@juno.com

From: [Mass Audubon](#) on behalf of [Arleen Teel](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Arleen Teel
37 High St Unit 1d
Danvers, MA 01923-3004
(978) 880-0367
arleenteel@gmail.com

From: [Mass Audubon](#) on behalf of [Susan Murray](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Susan Murray
6 Halcyon Farm Road
Lakeville, MA 02347
(508) 946-5673
msmurray6@comcast.net

From: [Mass Audubon](#) on behalf of [Frederick Thurber](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Stop the horseshoe crab slaughter! Take the price off their head and make them illegal to sell. New regs will not help unless you do this

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Frederick Thurber
219 Horseneck Rd
South Dartmouth, MA 02748
(508) 636-3954
frederick.thurber@gmail.com

From: [Mass Audubon](#) on behalf of [Joanne Neale](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Joanne Neale
44 Dartmouth Ave.
Needham, MA 02494
(781) 444-3553
jmneale@gmail.com

From: [Mass Audubon](#) on behalf of [Paul Williams](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Paul Williams
73 Bartlett Road
Manomet, MA 02345
(508) 224-6300
pa.williams@verizon.net

From: [Mass Audubon](#) on behalf of [meade cadot](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. meade cadot
38 Fairfield
Hancock, NH 03449
(603) 525-4436
cadot@harriscenter.org

From: [Mass Audubon](#) on behalf of [Karen Martin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Karen Martin
179 Lakeshore Rd
Boxford, MA 01921-1005
(978) 476-1499
karen.martin711@gmail.com

From: [Mass Audubon](#) on behalf of [Cynthia Nolan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Cynthia Nolan
21 Crosby St.
Northampton, MA 01060
(413) 523-2962
cynthianolan01@gmail.com

From: [Mass Audubon](#) on behalf of [Pauline Botelho](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Pauline Botelho
66 Reading Street
Fall River, MA 02720
(774) 294-4619
botelhok9@aol.com

From: [Mass Audubon](#) on behalf of [Margot Hand](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Margot Hand
160 Horseneck Rd
Dartmouth, MA 02748
(508) 938-5185
margothanderson@gmail.com

From: [Mass Audubon](#) on behalf of [Bridget Flynn March](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Bridget Flynn March
48 Kirby Rd
Westport, MA 02790
(917) 817-2402
bflynnmarch@gmail.com

From: [Mass Audubon](#) on behalf of [David Norris](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Norris
24 Locust Road
Eastham, MA 02642
(508) 255-1323
davidwnorris@yahoo.com

From: [Mass Audubon](#) on behalf of [Philip Edmundson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Bird health is a barometer of our ecological health. Please work with Audubon and other organizations to enhance habitat and protect birds.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Philip Edmundson
55 Cottage St
Hingham, MA 02043
(781) 740-2076

pedmundson@comcast.net

From: [Mass Audubon](#) on behalf of [Patricia O'Toole](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Patricia O'Toole
507 Rt 7A
East Sandwich, MA 02537
(508) 245-1499
potoole4@comcast.net

From: [Mass Audubon](#) on behalf of [Alissa Greenman-Rowe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Alissa Greenman-Rowe
64 Thurston St 2
Somerville, MA 02145
(857) 891-7880
alissagreenman@yahoo.com

From: [Mass Audubon](#) on behalf of [Nicole Feige](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nicole Feige
30 Charlton St
Oxford, MA 01540
(508) 488-8732
nfeige@worchester.edu

From: [Mass Audubon](#) on behalf of [Irene Lipshires](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Irene Lipshires
PO Box 192
North Eastham, MA 02651-0192
(508) 361-1807
rene@lipshires.com

From: [Mass Audubon](#) on behalf of [Michelle Jasny](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Michelle Jasny
6 Yellow Brick Road
Vineyard Haven, MA 02568
(508) 693-0370
drjasny@comcast.net

From: [Mass Audubon](#) on behalf of [Tim Moore](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Tim Moore
55 Aspen
Auburndale, MA 02466
(617) 835-0657
tpmoore55@comcast.net

From: [Mass Audubon](#) on behalf of [Diane Krause](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

This issue is critical. We need to protect this vital species. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

I urge you to pass the strongest protections possible.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Diane Krause
68 High Haith Rd.
Arlington, MA 02476
(781) 641-1846
samburu@comcast.net

From: [Mass Audubon](#) on behalf of [James Sweeney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. James Sweeney
6 AUTUMN GLEN
plymouth, MA 02360
(774) 404-7961
lmngrandy@gmail.com

From: [Mass Audubon](#) on behalf of [Lisa Kelly](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lisa Kelly
26 Rowland Street
Marblehead, MA 01945
(978) 810-0212
lee.kelly6713@gmail.com

From: [Mass Audubon](#) on behalf of [Al McNiff](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Al McNiff
10 north ridge rd
Ipswich, MA 01938
(781) 308-1503
alfredjmcniff@verizon.net

From: [Mass Audubon](#) on behalf of [Thomas Degnan](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As a resident of Orleans, MA, my wife and I have a sincere appreciation for the importance of horseshoe crabs. We see fewer and fewer of them on our hikes and kayak forays. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Thomas Degnan
43 Gibson Road
Orleans, MA 02653
(609) 744-8733

tdegnan1@nd.edu

From: [Mass Audubon](#) on behalf of [Helen Kosinski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Helen Kosinski
200 Ambergris Circle
Brewster, MA 02631
(508) 896-1991
helen@helenkosinski.com

From: [Mass Audubon](#) on behalf of [Sharon Caulway](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sharon Caulway
13 Hanson Rd
Charlton, MA 01507
(508) 523-4403
sharonc1994@hotmail.com

From: [Mass Audubon](#) on behalf of [Janet Kluever](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Janet Kluever
447 Currier Road
East Falmouth, MA 02536
(508) 564-4456
swimwom@gmail.com

From: [Mass Audubon](#) on behalf of [Jennifer Capaldo](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Living on Mount Hope Bay all my life, I am shocked by the lack of horseshoe crabs that used to be plentiful.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jennifer Capaldo
112 Bay Point Road
Swansea, MA 02777
(774) 766-8199

jenwaring0116@gmail.com

From: [Mass Audubon](#) on behalf of [Eryn MacDonald](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Eryn MacDonald
53 Prescott St.
Reading, MA 01867
(781) 555-1212
erynmac@gmail.com

From: [Mass Audubon](#) on behalf of [Diane Adams](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Diane Adams
33 Dodge Street
Arlington, MA 02474
(781) 641-1823
adamslis@aol.com

From: [Mass Audubon](#) on behalf of [David Chilcutt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Chilcutt
235 Main Street, Mashpee, MA 02649, USA
Mashpee, MA 02649
(774) 238-9467
dmchil@comcast.net

From: [Mass Audubon](#) on behalf of [Sandra Denninger](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Sandra Denninger
9 Mizzen Lane
Bourne, MA 02532
(508) 801-4689
hummingbirdministry@gmail.com

From: [Mass Audubon](#) on behalf of [Debra Orr](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Debra Orr
172 Bedford Road
Lincoln, MA 01773
(781) 259-1359
debranorr@gmail.com

From: [Mass Audubon](#) on behalf of [Jinx O'Loughlin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jinx O'Loughlin
24 Cheyenne Lane
Yarmouthport, MA 02675-2429
(774) 994-1183
jjsoloughlin@comcast.net

From: [Mass Audubon](#) on behalf of [Peggy O'Grady](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Peggy O'Grady
90 Penni Lane
North Andover, MA 01845
(978) 886-0301
ogradypeggy@gmail.com

From: [Mass Audubon](#) on behalf of [Ann Penni](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Ann Penni
97 Swallow Hill Drive
Barnstable, MA 02630
(508) 825-4425
annpenni@comcast.net

From: [Mass Audubon](#) on behalf of [Theresa Oleary](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Theresa Oleary
390 pine st
Marshfield, MA 02050
(781) 588-6381
terrioleary@hotmail.com

From: [Mass Audubon](#) on behalf of [Elisabeth Green](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Elisabeth Green
3 Grew Hill Road
Roslindale, MA 02131-4910
(617) 469-4567
liza_green@comcast.net

From: [Mass Audubon](#) on behalf of [Linda Cohen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Horseshoe crabs have been on earth since the time of the dinosaurs. We need to protect them, not slaughter them I.e. over harvest them.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Linda Cohen
31 Otis Bassett Rd, PO Box 661
West Tisbury, MA 02575
(774) 563-0473

macnellycohen@gmail.com

From: [Mass Audubon](#) on behalf of [Ann Ribbens](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ann Ribbens
87 South St
Berlin, MA 01503-1606
(651) 341-4966
annri1951@yahoo.com

From: [Mass Audubon](#) on behalf of [Caitlin Hawes](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Please consider supporting these regulation changes so that the horseshoe crab population can be given a chance to thrive.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Caitlin Hawes
77 Willard Circle
Westwood, MA 02090-1812
(781) 326-4686

caitlinjoy@gmail.com

From: [Mass Audubon](#) on behalf of [Maria Falcon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Maria Falcon
115 Bartlett St.
Somerville, MA 02145-2603
(617) 233-3663
mlle.maria.falcon@gmail.com

From: [Mass Audubon](#) on behalf of [Leah Bird](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Leah Bird
34 Marshall Street
Newton Center, MA 02459
(617) 470-4001
great.blue@mac.com

From: [Mass Audubon](#) on behalf of [William Crawford](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. William Crawford
186 Robinson Ave
S Attleboro, MA 02703-6821
(401) 450-6069
bcrawford423@yahoo.com

From: [Mass Audubon](#) on behalf of [Albert Maze](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Does the human race have to destroy all other forms of life just so that humans can benefit themselves? Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Albert Maze
7 Sandwich Rd
Plymouth, MA 02360-2107
(617) 282-6213
atimeinboston@gmail.com

From: [Mass Audubon](#) on behalf of [Elizabeth Clemmey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am signing on to this letter as I support its content and request for action.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I have grown up on the ocean and since childhood, hold a deep appreciation for these creatures. I participate in surveys to monitor their status, as well as advocacy to expand knowledge of their critical plight. There are alternatives for both bait and medical research harvesters that warrant the end of horseshoe crab slaughtering harvests. These ancient creatures deserve our protection.

Please take action
Thank you
Elizabeth Clemmey
175 Essex Street
Mansfield Ma 02048

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Elizabeth Clemmey
Po Box 1205, 175 Essex Street
Mansfield, MA 02048
(508) 527-1738
elizabeth@clemmey.com

From: [Mass Audubon](#) on behalf of [Amy Weidensaul](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 4:15:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amy Weidensaul
87 Perkins Row
Topsfield, MA 01983
(978) 237-0103
aweidensaul@yahoo.com

From: [Mass Audubon](#) on behalf of [Sarah LeClaire](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sarah LeClaire
155 Cahoon Hollow Rd
Wellfleet, MA 02667
(207) 762-2244
sleclair1@mac.com

From: [Mass Audubon](#) on behalf of [Katherine Paddon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Katherine Paddon
18 Miller Hill Rd #9
Provincetown, MA 02657
(860) 463-9630
kaliapad@mac.com

From: [Mass Audubon](#) on behalf of [John Goodchild](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. John Goodchild
1 Jennifer Road
Sandwich, MA 02563
(508) 532-8482
john.goodchild@worchester.edu

From: [Mass Audubon](#) on behalf of [Stephen J. Wright](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Stephen J. Wright
17 Captain Ryder Road
South Yarmouth, MA 02664
(508) 364-1498
stephen126g@gmail.com

From: [Mass Audubon](#) on behalf of [Brock Cordeiro](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

When I was a child in the 1980s, my father and I would hunt for horseshoe crabs in Dartmouth's Apponagansett harbor. I have fond memories of harvesting the horseshoe crabs with my dad. However, now as a 44-year-old adult, I know that we were wrong, and we knew not what we were doing to the future of that species.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Brock Cordeiro

15 Sagamore Drive
Dartmouth, MA 02748-1261
(508) 264-1600
bncordeiro@comcast.net

From: [Mass Audubon](#) on behalf of [Laurie Kirk](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Laurie Kirk
24 Granville Baker Way
Plympton, MA 02367
(781) 856-1050
lauriekirk@comcast.net

From: [Mass Audubon](#) on behalf of [Barbara Wells](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:35 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Barbara Wells
70 Stetson Cove Lane
Chatham, MA 02633
(508) 945-0356
barbara.wells70@gmail.com

From: [Mass Audubon](#) on behalf of [Sarah Reinfeld](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sarah Reinfeld
64 Forest St.
Medford, MA 02155
(781) 771-2824
strain@gmail.com

From: [Mass Audubon](#) on behalf of [Megan Dobroth](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As a Girl Scout leader, my troop spent a long time on studying and helping track horseshoe crabs. These are amazing animals and need to be protected for all of us.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Megan Dobroth
26 Francis Street
Brookline, MA 02446

(617) 513-4766
4merlin11@gmail.com

From: [Mass Audubon](#) on behalf of [William Corbett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. William Corbett
20 Mascoma St,
Quincy, MA 02170
(617) 328-1850
wmcorbett@msn.com

From: [Mass Audubon](#) on behalf of [Caroline Simons](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Caroline Simons
10 Perkins Circle
Topsfield, MA 01983
(978) 887-4966
cdsimons@att.net

From: [Mass Audubon](#) on behalf of [Ashley Engel](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Ashley Engel
87 Puritan Way
Duxbury, MA 02332
(617) 449-3258
aengel170@yahoo.com

From: [Mass Audubon](#) on behalf of [Jeanne Ryer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jeanne Ryer
Box 316
Marshfield Hills, MA 02051
(617) 688-5113
jeanne.ryer@gmail.com

From: [Mass Audubon](#) on behalf of [Michelle Kofler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Michelle Kofler
115 Lee rd
South Deerfield, MA 01373
(413) 665-2112
mlkofler@hotmail.com

From: [Mass Audubon](#) on behalf of [Jessica Grigg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Thank you for considering these proposals as our date guidelines are long overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jessica Grigg
70 Topsfield Rd
Boxford, MA 01921
(212) 580-9891
jag@tollund.com

From: [Mass Audubon](#) on behalf of [Elizabeth Slikas](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Elizabeth Slikas
132 East Brown Road APT 3028
Mesa, AZ 85201
(925) 270-9239
bethslikas@gmail.com

From: [Mass Audubon](#) on behalf of [Alice Marullo](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:33 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Alice Marullo
8 Pierce Road
Watertown, MA 02472
(781) 879-0965
acmarullo@verizon.net

From: [Mass Audubon](#) on behalf of [Deborah Shearer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deborah Shearer
PO Box 934
West Falmouth, MA 02574
(508) 548-7903
dndshearer@aol.com

From: [Mass Audubon](#) on behalf of [Meg Simone](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Meg Simone
2 Lamson Street, Unit B
East Boston, MA 02128-2250
(617) 388-1855
megsimione@gmail.com

From: [Mass Audubon](#) on behalf of [Meghan Bagshaw](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Meghan Bagshaw
41 Vine Street
Hanover, MA 02339
(978) 618-7331
meghan.r.bagshaw@gmail.com

From: [Mass Audubon](#) on behalf of [Anita Gram](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted.

Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Anita Gram
15 Briarwood Ave
Reading, MA 01867
(781) 942-1372
anitagram@verizon.net

From: [Mass Audubon](#) on behalf of [Elizabeth Mazzilli](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Elizabeth Mazzilli
32 Forest Street
Carver, MA 02330
(508) 364-8546
lizfarrell19@hotmail.com

From: [Mass Audubon](#) on behalf of [Amy Burt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Amy Burt
2330 Pleasant Street
Dighton, MA 02715
(774) 207-8243
amy.lynn150@gmail.com

From: [Mass Audubon](#) on behalf of [Richard Kosinski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Richard Kosinski
200 Ambergris Circle
Brewster, MA 02631
(123) 456-7890
richardwkosinski@yahoo.com

From: [Mass Audubon](#) on behalf of [Anthony Clark](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Anthony Clark
P.O. BOX 2216 32 MIDDEN RD
WELLFLEET, MA 02667
(508) 258-9826
tpiercec@hotmail.com

From: [Mass Audubon](#) on behalf of [Ray Verrier](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:50:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Ray Verrier
14 Dawson Circle
Holden, MA 01520
(508) 831-5747
rayverrier@gmail.com

From: [Mass Audubon](#) on behalf of [gary.martin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. gary martin
179C Lakeshore Rd
Boxford, MA 01921
(978) 476-1654
gdmartin51@yahoo.com

From: [Mass Audubon](#) on behalf of [Glorianna Davenport](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Glorianna Davenport
139 Bartlett Road
Plymouth, MA 02360
(508) 224-7720
gid@media.mit.edu

From: [Mass Audubon](#) on behalf of [MARGARET MORSE](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. MARGARET MORSE
31 Ledgewood Drive
Danvers, MA 01923
(978) 774-1410
margaretmorse2@me.com

From: [Mass Audubon](#) on behalf of [Kari Percival](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Horseshoe crabs are amazing, but their numbers are dwindling rapidly. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kari Percival
4 Seaview Ave
Malden, MA 02148
(781) 388-2665
karipercival@hotmail.com

From: [Mass Audubon](#) on behalf of [Chris Wheeler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Chris Wheeler
164 Coonamessett Circle
East Falmouth, MA 02536
(508) 392-9608
wheelsonthecoast@gmail.com

From: [Mass Audubon](#) on behalf of [Bradford Stegner](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Bradford Stegner
252 Moss Hill Road
Jamaica Plain, MA 02130
(617) 983-5561
stegford@gmail.com

From: [Mass Audubon](#) on behalf of [Kathleen Mortenson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathleen Mortenson
116 Pin Oak Way
Falmouth, MA 02540
(508) 457-4410
mortensonk@aol.com

From: [Mass Audubon](#) on behalf of [Katherine Tildes](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Katherine Tildes
6 Wedgemere Rd
West Yarmouth, MA 02673
(401) 338-7214
tildesk@gmail.com

From: [Mass Audubon](#) on behalf of [Jennifer Weedon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jennifer Weedon
180 Union Bridge Rd
Duxbury, MA 02332
(202) 679-2983
jen.weedon@gmail.com

From: [Mass Audubon](#) on behalf of [Mary Ellen Schloss](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary Ellen Schloss
50 Mann Lot Road
Scituate, MA 02066
(781) 545-8123
meschloss@comcast.net

From: [Mass Audubon](#) on behalf of [Douglas Lovell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Douglas Lovell
9 River Birch Way
Plymouth, MA 02360
(603) 727-2757
douglaslovell3@gmail.com

From: [Mass Audubon](#) on behalf of [Robert Pontbriand](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Robert Pontbriand
33 Forest Street
Dunstable, MA 01827
(978) 870-4969
rapont77@yahoo.com

From: [Mass Audubon](#) on behalf of [Ruth Oliver Jolliffe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Ruth Oliver Jolliffe
42 Water Street, PO Box 1884
Mattapoisett, MA 02739
(508) 758-1346
randmj@mac.com

From: [Mass Audubon](#) on behalf of [Pam Turick](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:08 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I support increased protections for horseshoe crabs. I grew up in Massachusetts and have seen the sharp decline in populations. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries and should be the same for horseshoe crabs.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Pam Turick
388 River Road
Westport, MA 02790
(508) 636-2750
pturick@warppmail.net

From: [Mass Audubon](#) on behalf of [Kathryn Holmes](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathryn Holmes
40 SOL JOSEPH ROAD
Plymouth, MA 02360
(978) 395-5678
kathrynmarieholmes@gmail.com

From: [Mass Audubon](#) on behalf of [Sarah Hoberg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:07 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Sarah Hoberg
20 Pleasant View Drive
Orleans, MA 02653
(607) 609-5211
hoberglisa@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Stansbury](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Karen Stansbury
72 Bee Brook Road
Washington Depot, CT 06794
(203) 803-9048
kastansburyesq@yahoo.com

From: [Mass Audubon](#) on behalf of [Raymond Bartlett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Raymond Bartlett
40 River Road #565
MARSTONS MILLS, MA 02648
(617) 418-3913
techwritebos@yahoo.com

From: [Mass Audubon](#) on behalf of [Randy Johnson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Randy Johnson
53 Paola dr
Falmouth, MA 02536
(774) 763-2668
r.a.j@comcast.net

From: [Mass Audubon](#) on behalf of [Susan Doherty](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Doherty
395 Neponsett St.
Norwood, MA 02062
(617) 697-5835
sdoh1222@gmail.com

From: [Mass Audubon](#) on behalf of [Walt Luerken](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Walt Luerken
142 WOODWARD AVE
SEEKONK, MA 02771
(508) 336-3922
waltluerken@comcast.net

From: [Mass Audubon](#) on behalf of [Nicole Mordecai](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Nicole Mordecai
135 Conant Road
Weston, MA 02493
(781) 248-7515
nicole@mordecai.ws

From: [Mass Audubon](#) on behalf of [Jude Johnson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jude Johnson
47 Moor Road
Millom, Cumbria LA18 5dt
(774) 010-3620
judej20@hotmail.co.uk

From: [Mass Audubon](#) on behalf of [Eileen Ihrig Wahhab](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Eileen Ihrig Wahhab
411 Taunton St
Wrentham, MA 02093-1378
(504) 919-3096
eai98@hotmail.com

From: [Mass Audubon](#) on behalf of [Ellen Johnson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Ellen Johnson
11R Buttonwood Ln
Scituate, MA 02066
(617) 797-7354
ellens93@hotmail.com

From: [Mass Audubon](#) on behalf of [Benjamin Lederer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:05 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Benjamin Lederer
37 Old Wolomolopoag St.
Sharon, MA 02067
(401) 477-6804
bd110@rocketmail.com

From: [Mass Audubon](#) on behalf of [Sandra Coleman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sandra Coleman
10 Linway Rd
Lincoln, MA 01773-4814
(617) 823-2636
smqzuleta@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Riccadonna](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Karen Riccadonna
2 Symmes Road
Franklin, MA 02038
(508) 981-8925
karen_riccadonna@yahoo.com

From: [Mass Audubon](#) on behalf of [Emily Simmer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Emily Simmer
36 Sherman dr
Scituate, MA 02066
(310) 497-8404
esimmer@gmail.com

From: [Mass Audubon](#) on behalf of [Alice Ettling](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Alice Ettling
34 Gardena St
Boston, MA 02135
(857) 218-0175
ettlinga@gmail.com

From: [Mass Audubon](#) on behalf of [Meghan Watts](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Meghan Watts
68 Yale Rd
Pembroke, MA 02359
(617) 785-0358
meghan.dowdall@gmail.com

From: [Mass Audubon](#) on behalf of [Carole McAuliffe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Carole McAuliffe
40 Way 35 Off Briar
Wellfleet, MA 02667
(508) 214-0057
donloncs@aol.com

From: [Mass Audubon](#) on behalf of [Mary Kentros](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Mary Kentros
46 Pond Rd
West Tisbury, MA 02575
(914) 494-9986
mkentros@optonline.net

From: [Mass Audubon](#) on behalf of [Mary Brauer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary Brauer
4 Greenmeadow Dr
North Reading, MA 01864
(978) 664-5046
marybethbrauer@gmail.com

From: [Mass Audubon](#) on behalf of [Valerie Leiter](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Valerie Leiter
69 Naples Road
Brookline, MA 02446
(617) 283-6163
valerie.leiter@me.com

From: [Mass Audubon](#) on behalf of [Erin Scott](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:01 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Erin Scott
44 Litchfield Street
Brighton, MA 02135
(617) 894-1659
erins.23@gmail.com

From: [Mass Audubon](#) on behalf of [Ellen Ridge](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:01 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Ellen Ridge
5 Bens Way
Eastham, MA 02642
(508) 439-3495
ridgeellenf@gmail.com

From: [Mass Audubon](#) on behalf of [Patrick Mahoney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:01 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Thank you
Patrick J Mahoney

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Patrick Mahoney
32 Chestnut Street
Grafton, MA 01519
(617) 480-0611
eaglepat@msn.com

From: [Mass Audubon](#) on behalf of [Eugene Berardi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Eugene Berardi
76 Lamberts Cove Road
Vineyard Haven, MA 02568
(646) 708-4009
ejberardi3@gmail.com

From: [Mass Audubon](#) on behalf of [Christopher Ranney](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Christopher Ranney
4 Whitman Dr
Sandwich, MA 02563-2459
(508) 681-9981
capecoddiver@comcast.net

From: [Mass Audubon](#) on behalf of [Jim Fitzgerald](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 3:45:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Jim Fitzgerald
49 Preston Terrace
Marshfield, MA 02050
(617) 719-3697
jfitzgerald@mysticmillwork.com

From: [Mass Audubon](#) on behalf of [Megan Riley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 2:44:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Megan Riley
20 Church St
West Barnstable, MA 02668
(315) 256-7980
megriley11@gmail.com

From: [Mass Audubon](#) on behalf of [Loree Lane](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 1:50:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Loree Lane
40 DOTY DRIVE
STOUGHTON, MA 02072
(339) 206-7259
rav74@hotmail.com

From: [Mass Audubon](#) on behalf of [Rick Grandoni](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 12:44:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Rick Grandoni
58 Neptune St
Beverly, MA 01915
(508) 397-5937
grandoni@neb.com

From: [Mass Audubon](#) on behalf of [Timothy Ocain](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:20:05 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Timothy Ocain
12 Fox Creek Ln
Framingham, MA 01701
(218) 259-8143
tocain9@gmail.com

From: [Mass Audubon](#) on behalf of [David Forbes](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 27, 2023 8:44:27 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. David Forbes
160 Weaver Lane
Tisbury, MA 02568
(617) 872-7975
dlforbes38@gmail.com

From: [Mass Audubon](#) on behalf of [Amy Piepgrass](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 26, 2023 6:12:55 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 26, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amy Piepgrass
5 Clifton st
Somerville, MA 02144
(617) 699-8726
rickandamyboston@gmail.com

From: [Mass Audubon](#) on behalf of [Jean Lewellyn](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 26, 2023 5:48:30 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 26, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jean Lewellyn
PO BOX 4167
Vineyard Haven, MA 02568
(508) 693-8052
j2lewellyn@gmail.com

From: [Mass Audubon](#) on behalf of [Anne McDonough](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 26, 2023 5:42:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 26, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Anne McDonough
200 Main St
Vineyard Haven, MA 02568
(508) 696-4211
amcdonough@clamsnet.org

From: [Mass Audubon](#) on behalf of [Kerisa Fitzgerald](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 26, 2023 4:42:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 26, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kerisa Fitzgerald
28 Dartmouth Lane
East Longmeadow, MA 01028
(413) 224-1842
kerisaperazella@gmail.com

From: [Mass Audubon](#) on behalf of [Amitha Vasanth](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 26, 2023 3:42:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 26, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Amitha Vasanth
21 Wayside Road
Westborough, MA 01581
(508) 839-2310
amitha_av@hotmail.com

From: [Mass Audubon](#) on behalf of [Joy Friedman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 26, 2023 1:42:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 26, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Joy Friedman
38 Old Egypt Rd
Shutesbury, MA 01072
(413) 775-3459
joypots@gmail.com

From: [Mass Audubon](#) on behalf of [Danielle Ewart](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 26, 2023 12:12:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 26, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

The time has come to make a change, I would like to see more protections for the ones who cannot speak for themselves. Protect the horseshoe crab!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Danielle Ewart
P.O. Box 2307
Vineyard Haven, MA 02568

(508) 360-3855
danilea2000@hotmail.com

From: [Mass Audubon](#) on behalf of [Sara Pruss](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 25, 2023 11:48:50 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 25, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am a paleontologist who owns a property in Wellfleet. It is critically important to protect our horseshoe crabs, and most especially during breeding season. I strongly support this legislation.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Sara Pruss
58 Woodland Dr

Florence, MA 01062
(310) 951-4123
sarabpruss@gmail.com

From: [Mass Audubon](#) on behalf of [Eric Spengler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 25, 2023 10:48:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 25, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I am writing to urge adoption of a ban on using horseshoe crabs for bait for whelk and for harvesting of Blood for Limulus Amebocyte Lysate. If you are unable to ban this completely, I urge you to at least implement a ban through May 31st yearly.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Eric Spengler
38 Namequoit Rd,

Orleans, MA 02653
(617) 895-7861
spengler1@gmail.com

From: [Mass Audubon](#) on behalf of [Peter Black](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 25, 2023 10:18:43 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 25, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Peter Black
24 Carver Road
Watertown, MA 02472
(617) 592-4259
pblack@skinnerhill.com

From: [Mass Audubon](#) on behalf of [Jennifer Bergen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 25, 2023 8:48:35 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 25, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jennifer Bergen
8 Clark's Point Rd
Eastham, MA 02642
(972) 877-8699
jennifer.bergen64@gmail.com

From: [Mass Audubon](#) on behalf of [Fred Bright](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 9:47:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Fred Bright
200 Lake Shore dr
Duxbury, MA 02332
(781) 585-9087
fredgb@comcast.net

From: [Mass Audubon](#) on behalf of [Dorothy Nutter](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 8:34:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Dorothy Nutter
635 Willow St
South Yarmouth, MA 02664
(508) 658-2583
icy1887@aol.com

From: [Mass Audubon](#) on behalf of [Serena Crosina](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 7:47:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Serena Crosina
1501 Monument Street
Concord, MA 01742
(857) 919-0066
serena.crosina@gmail.com

From: [Mass Audubon](#) on behalf of [Paul Rennert](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 7:34:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Paul Rennert
27 Strathmore Rd
Natick, MA 01760
(508) 282-6370
paul.rennert@aletabio.com

From: [Mass Audubon](#) on behalf of [Talia Kuras](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 7:34:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Talia Kuras
16 Marydee lane
Mansfield, MA 02048
(508) 369-0051
tmkuras@gmail.com

From: [Mass Audubon](#) on behalf of [Steve Himmer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 7:34:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Steve Himmer
29 Empire Street
Quincy, MA 02169
(617) 653-0406
himmer@gmail.com

From: [Mass Audubon](#) on behalf of [Lynda Scofield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 7:17:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lynda Scofield
48 Beach Road
Orleans, MA 02653
(413) 823-0886
lyndascofield41@gmail.com

From: [Mass Audubon](#) on behalf of [Russell Keirstead](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 6:34:43 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Russell Keirstead
Crescent Street
Plympton, MA 02367
(339) 832-1660
hayfarm37@yahoo.com

From: [Mass Audubon](#) on behalf of [Hillary Truslow](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 6:34:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Hillary Truslow
17 Bunker Lane
Natick, MA 01760
(508) 545-0957
hgruslow@gmail.com

From: [Mass Audubon](#) on behalf of [Rebekah Ambrose-Dalton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 6:17:27 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts needs tougher protections for horseshoe crabs. Please change the rules regarding the harvest to help protect horseshoe crabs in our state. They absolutely should not be harvested while they are trying to spawn. Their eggs are an important food source for Red Knots and other shore birds. They are an incredibly ancient and amazing creatures, and we should be in awe of them and do at least as much, if not more, as other states on the Atlantic seaboard are doing to protect them. Ban the horseshoe crab harvest from January through May! Better yet, phase it out completely.

Rebekah Ambrose-Dalton

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Rebekah Ambrose-Dalton
34 Ridge Rd
W Barnstable, MA 02668-1501
(607) 386-9098
rebekah_ambrose@yahoo.com

From: [Jeffrey Miller](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 5:06:45 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director McKiernan,

I would like to let you know that I am in support of the conservation measures proposed in the 322 CMR 6.34, Horseshoe Crab Management legislation.

I feel that Mass should be the leader in the conservation measures not following NH and CS.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Best regards,
Jeff

Jeffrey Miller
President
Berkshire Photonics
39 Pond St.
Brewster, MA 02631
jmiller@berkshirephotonics.com

From: [Mass Audubon](#) on behalf of [Wendy Scofield](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 4:47:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Wendy Scofield
48 Beach Road
Orleans, MA 02653
(917) 882-6082
wendyscofield@gmail.com

From: [Mass Audubon](#) on behalf of [Patricia Donahue](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 4:34:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Patricia Donahue
30 Whaler Ln
Quincy, MA 02171
(617) 479-8625
donahuep@msn.com

From: [Mass Audubon](#) on behalf of [Karen kaiser](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 4:17:04 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Karen kaiser
301 Tonset Road
Orleans, MA 02653
(615) 598-1502
karenskaiser13@gmail.com

From: [Mass Audubon](#) on behalf of [Gloria Brown](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 4:04:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Gloria Brown
Lakeview Avenue
Falmouth, MA 02540
(123) 456-7890
gladguyb@comcast.net

From: [Mass Audubon](#) on behalf of [Mary Leamy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 4:04:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Mary Leamy
25 Saint Anton's Way
Marstons Mills, MA 02648-1311
(203) 331-7511
mleamy9@gmail.com

From: [Mass Audubon](#) on behalf of [Jean Patton](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 3:16:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jean Patton
88 Steven St
Hanson, MA 02341-1312
(781) 616-3631
jeanmwpatton@mac.com

From: [Mass Audubon](#) on behalf of [Frank Citino](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 3:04:22 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Frank Citino
248 Locks Pond Road
Shutesbury, MA 01072
(413) 367-9826
frankcitino@gmail.com

From: [Mass Audubon](#) on behalf of [Erin Cooper](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 2:04:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Erin Cooper
8 Kescayoganset Rd
Orleans, MA 02653
(914) 500-3601
eac2250@columbia.edu

From: [Mass Audubon](#) on behalf of [Holly Condon](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 1:47:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Holly Condon
233 Church Street
Northborough, MA 01532
(857) 246-0216
hollygc@gmail.com

From: [Mass Audubon](#) on behalf of [Stephanie Monaco](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 1:46:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Stephanie Monaco
591 Park St
Attleboro, MA 02703
(508) 404-7206
stephaniemonaco@gmail.com

From: [Mass Audubon](#) on behalf of [Caroline Parsloe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 1:46:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Caroline Parsloe
16 charter street
Johnston, RI 02919
(774) 266-4395
caroline.parsloe@gmail.com

From: [Mass Audubon](#) on behalf of [Samantha Parsloe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 1:34:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Samantha Parsloe
28 Charles St
Mansfield, MA 02660
(508) 446-0525
stparsloe@gmail.com

From: [Mass Audubon](#) on behalf of [Wendy Hayward](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 1:34:12 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Wendy Hayward
2 Mile Brook Rd #208
Duxbury, MA 02332
(305) 968-5322
haydesign2@gmail.com

From: [Mass Audubon](#) on behalf of [Ellen Freda](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 1:34:10 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ellen Freda
58 HOWE RD
COHASSET, MA 02025-1009
(781) 383-0866
ellen@emfreda.us

From: [Mass Audubon](#) on behalf of [Noah Henkenius](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 1:04:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Dear Director Daniel McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Noah Henkenius

9 Lantern Lane

Plymouth, Massachusetts 02360

kenius20f@gmail.com

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Noah Henkenius
9 lantern Lane
Plymouth, MA 02360
(508) 566-6036
kenius20f@gmail.com

From: [Mass Audubon](#) on behalf of [Tom Hague III](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 12:16:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Tom Hague III
48 Birch Lane
Brewster, MA 02631
(508) 240-1143
thague@comcast.net

From: [Mass Audubon](#) on behalf of [Jensie Shipley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 12:03:58 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jensie Shipley
10 Longwood Drive
Westwood, MA 02090
(617) 763-1065
jwshipley@aol.com

From: [Mass Audubon](#) on behalf of [Michelle Hague](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 11:46:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Michelle Hague
48 Birch Lane
Brewster, MA 02631
(087) 760-9330
th3bldr@c4.net

From: [Mass Audubon](#) on behalf of [Vince Grove](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 11:46:38 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Vince Grove
46 Areys Ln
Orleans, MA 02662
(978) 369-6116
vince_grove@yahoo.com

From: [Mass Audubon](#) on behalf of [Michael Donnelly](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 11:46:37 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Michael Donnelly
110 Cranberry Lane
North Chatham, MA 02650
(412) 281-5450
mdonnelly@donnellyasset.com

From: [Mass Audubon](#) on behalf of [Helen B Kelsey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 11:17:06 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Enjoyment of the natural world on Cape Cod is not just a right, but a privilege and a responsibility. Stewardship of the land, preservation of habitat and respect for the balance of nature have always been a priority on this delicate sandbar. Now economic pressures threaten our quality of life. Unfortunately, some are willing to sacrifice innocent creatures for their own economic gain, even justifying the extinction of another species. If we continue to let profit drive our environmental decisions, where will it end and what will be the result?

Please take action to protect our local hero, the horseshoe crab! Instead of being a callous and uncaring dollar- hungry consumer, take the highroad. Be a hero, and stand up for those who can't stand up for themselves.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Helen B Kelsey
7 Cheney Rd
Orleans, MA 02653
(561) 702-0448
helenbkelsey@att.net

From: [Mass Audubon](#) on behalf of [Andrew Cooper](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 11:16:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

We live on Lonnie's Pond on Pleasant Bay in Orleans. The population of horseshoe crabs has drastically decreased in the last 10 years.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Andrew Cooper
8 Kescayogansett Road
Orleans, MA 02653
(917) 445-2104

coop lakhann@yahoo.com

From: [Mass Audubon](#) on behalf of [Sydney Jenkins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 10:49:32 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sydney Jenkins
158 Far Fields Rd.
Brewster, MA 02631
(401) 864-8485
sydneyaj@mit.edu

From: [Mass Audubon](#) on behalf of [Gretchen Gruber](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 10:46:31 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Gretchen Gruber
32 Town Farm Rd
Winchendon, MA 01475
(978) 413-5612
gretchengruber411@gmail.com

From: [Mass Audubon](#) on behalf of [Peyton Kramp](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 10:16:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Peyton Kramp
8 Kescayogansett
Orleans, MA 02653
(214) 500-2214
peyton.kramp@gmail.com

From: [Mass Audubon](#) on behalf of [Emily McKhann](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 9:46:21 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Emily McKhann
8 Kescayogansett Road
Orleans, MA 02653
(917) 750-9786
emily.mckhann@gmail.com

From: [Mass Audubon](#) on behalf of [Regina Galat-Skey](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 9:46:20 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Regina Galat-Skey
75 Mellen Road
Winchendon, MA 01475
(978) 297-0577
skeymwcc@yahoo.com

From: [Mass Audubon](#) on behalf of [Kathleen Doe](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 9:16:17 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a barbaric relic of times past. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. I believe this is a process that should be banned entirely, but harvesting should at least be conducted in a way that gives the crabs a greater chance at spawning and increasing their numbers.

Horseshoe crabs are part of the larger ecosystem, which needs to be protected. Shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kathleen Doe
39 Garfield Ave
Florence, MA 01062
(413) 727-8245
kdoe@alum.rpi.edu

From: [Mass Audubon](#) on behalf of [Marianne Williams](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, April 24, 2023 8:49:21 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marianne Williams
26 Jasper Road
Marstons Mills, MA 02648
(508) 420-8221
williamsmarianne@comcast.net

From: [Mass Audubon](#) on behalf of [Suzanne Simmons](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 10:19:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Suzanne Simmons
9078 Garfield drive
Whitmore Lake, MI 48189
(269) 487-2581
ssimmons.56.69@gmail.com

From: [Mass Audubon](#) on behalf of [Daniel Berard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 9:49:11 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Daniel Berard
6 Sunset drive
Millbury, MA 01527
508271450
djberard84@gmail.com

From: [Mass Audubon](#) on behalf of [Rachel Murphy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 7:19:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Know better, do better. Protect this world!!! Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Rachel Murphy
8 Laurinda Lane
Plymouth, MA 02360
(508) 209-3604
rachelmurphy517@gmail.com

From: [Mass Audubon](#) on behalf of [Karen Prevett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 5:48:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Karen Prevett
259 west street
Mansfield, MA 02048
(508) 337-3572
kprevett5@gmail.com

From: [Mass Audubon](#) on behalf of [Wendy Foley](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 5:48:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Wendy Foley
200 Tremont Street
Mansfield, MA 02048
(508) 525-5836
foley.wa@pg.com

From: [Mass Audubon](#) on behalf of [Martin Abrams](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 5:48:50 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Martin Abrams
9 Fletcher Reach
Plymouth, MA 02360
(203) 448-9513
martin.abrams1@gmail.com

From: [Mass Audubon](#) on behalf of [William Vickstrom](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 3:48:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. William Vickstrom
11 Ashberry St
Plymouth, MA 02360
(774) 454-7386
wrvick@comcast.net

From: [Mass Audubon](#) on behalf of [Andrea Kozol](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 2:18:36 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Andrea Kozol
227 Nobscot Road
Sudbury, MA 01776
(978) 443-8826
ajkozol1@gmail.com

From: [Mass Audubon](#) on behalf of [Biz Turnell](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 1:18:24 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

As a high school student, I spent my senior project assisting a scientist at the Mass Audubon Wellfleet Bay Wildlife Sanctuary with a survey of the Cape Cod bay horseshoe crab population. During these weeks of capturing, measuring, tagging, and releasing horseshoe crabs during the spawning season, I gained an appreciation for these amazing animals and the critical role they play in the marine and shoreline ecosystem.

Over 20 years later, it pains me to see that horseshoe crabs are still threatened by overharvesting. Using this species for bait to catch another overharvested species (whelk) is absolutely nonsensical, and alternatives also exist for the biomedical industry: in 2020, the European Union approved the use of a safe and effective synthetic alternative to test for bacterial endotoxins ([https://urldefense.com/v3/https://www.edqm.eu/en/-/recombinant-factor-c-new-ph-eur.-chapter-available-as-of-1-july-2020-:!!CPANwP4y!RL6etali63Zyv7MaWk44H_pV5vm65Hm2aD7usTPLoum8Pv6xlcSo6WXMGONbvrnN5jkPbDcymol3tOz-PTWgUe_S_w\\$](https://urldefense.com/v3/https://www.edqm.eu/en/-/recombinant-factor-c-new-ph-eur.-chapter-available-as-of-1-july-2020-:!!CPANwP4y!RL6etali63Zyv7MaWk44H_pV5vm65Hm2aD7usTPLoum8Pv6xlcSo6WXMGONbvrnN5jkPbDcymol3tOz-PTWgUe_S_w$)).

Massachusetts, usually a leader when it comes to environmental protection, has fallen sadly behind on this issue. It's time for us to follow the lead of other Atlantic states and introduce common-sense restrictions on horseshoe crab harvesting.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Biz Turnell
160 Mill Hill Rd
Wellfleet, MA 02667
(216) 544-2545
bturnell@gmail.com

From: [Mass Audubon](#) on behalf of [Christine Jenkins](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 1:18:23 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

To whom it may concern:

I am very concerned about the horseshoe crab population and am in favor of more protection for the species. Among other things, this should include ending the bait harvest. Harvesting female crabs during their spawning season for the purpose of bait, especially considering it is for the fishery of welk - which is unsustainable. It also endangers the food source for migratory birds. Most if not all other states have banned the harvesting of horseshoe crabs as bait and Massachusetts should follow suit.

Thank you for your consideration,
Christine Jenkins
158 Far Fields Rd.
Brewster, MA 02631
christinejenkins132@gmail.com

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Christine Jenkins
158 Far Fields Rd
Brewster, MA 02631
(401) 578-5801
christinejenkins132@gmail.com

From: [Mass Audubon](#) on behalf of [Mary O'Neil](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 12:18:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Mary O'Neil
42 Newbury St
Newton Center, MA 02459
(617) 527-1434
oneil.m@msn.com

From: [Mass Audubon](#) on behalf of [Lois Bartels](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 8:17:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lois Bartels
120 Leeward Way
Eastham, MA 02642
(774) 573-4769
loisma58@gmail.com

From: [Mass Audubon](#) on behalf of [Chris Brennan Hagy](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Sunday, April 23, 2023 6:54:07 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 23, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Chris Brennan Hagy
8604 Hull Dr
Wyndmoor, PA 19038
(610) 675-4794
chrisbrennanhagy01@gmail.com

From: [Mass Audubon](#) on behalf of [Paula Erickson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 8:47:20 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Please make the right choice here before it is too late. This is not only an ethical concern, it is your duty to protect these animals and act swiftly to save them.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Paula Erickson
Box 357
Truro, MA 02666
(508) 237-6539
erickson.paulaj@gmail.com

From: [Mass Audubon](#) on behalf of [Vicki Shuloff](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 6:23:09 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Vicki Shuloff
5 Abode road
New Lebanon, NY 12125
(518) 794-7659
vjshulof@yahoo.com

From: [Mass Audubon](#) on behalf of [Hazen Emerson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 3:22:47 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Hazen Emerson
289 Sidney St
Cambridge, MA 02139
(617) 335-3190
hazene10@gmail.com

From: [Mass Audubon](#) on behalf of [Kari Alba](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 10:46:19 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kari Alba
Ave K South
Saskatoon, SK S7M 2C4
(306) 715-8309
albaflamencos@gmail.com

From: [Mass Audubon](#) on behalf of [Jessica McDonald-Rivera](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 8:52:38 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jessica McDonald-Rivera
309 Monson Rd
Wilbraham, MA 01095
(413) 627-6078
mcdonald.rivera11@gmail.com

From: [Mass Audubon](#) on behalf of [L. Forest Malatesta](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 8:46:10 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. L. Forest Malatesta
90 Joshua's Way
Eastham, MA 02642
(508) 237-6084
lfmalatesta@gmail.com

From: [Mass Audubon](#) on behalf of [Kathryn Emond](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 8:16:08 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kathryn Emond
70 PineNeedle Lane
Eastham, MA 02642
(508) 889-8571
kateemon@aol.com

From: [Mass Audubon](#) on behalf of [E McDonald](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 7:46:08 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Thank you!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. E McDonald
165 Paine Hollow Rd
Wellfleet, MA 02667
(508) 349-2954
salleypants@hotmail.com

From: [Mass Audubon](#) on behalf of [Susan Simanski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 7:46:04 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Simanski
15 Orchard st
Taunton, MA 02780
(508) 397-7292
rlyman515@gmail.com

From: [Mass Audubon](#) on behalf of [sara Moran](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 6:46:03 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. sara Moran
56 Whitman Lane
wellfleet, MA 02667
(203) 807-1617
moran.sarae@gmail.com

From: [Mass Audubon](#) on behalf of [Maia Ward](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Saturday, April 22, 2023 6:46:01 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 22, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Maia Ward
584 South Orleans Road
Orleans, MA 02653
(508) 315-7303
classicmaia@gmail.com

From: [Mass Audubon](#) on behalf of [Joanne Ingwall](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 21, 2023 8:15:00 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 21, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is long overdue for updates to horseshoe crab harvesting regulations, as local populations of this species have become seriously depleted. My husband and I have counted horseshoe crabs on Erica's Beach in Orleans for several years, and have directly observed the alarming decrease in numbers, especially in female crabs.

Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

A recent development makes this need even more timely and important. Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries. They should be equally protected!

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Joanne Ingwall
7 Twitchknot Farm Way

Orleans, MA 02653
(617) 686-8065
ingwallr@mac.com

From: [Mass Audubon](#) on behalf of [caren zane](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 21, 2023 8:14:59 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 21, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. caren zane
15 massasoit rd
wellfleet, MA 02667
(617) 967-8140
carenzaneart@gmail.com

From: [Mass Audubon](#) on behalf of [Debra Savitt](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 21, 2023 7:44:59 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 21, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Debra Savitt
7 Walker Rd
Orleans, MA 02653-4120
(401) 662-3594
debsavitt123@gmail.com

From: [Mass Audubon](#) on behalf of [Marie Corcoran](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 21, 2023 5:14:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 21, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Hello, I'm very concerned about the reduction in the number of Horseshoe crabs. They are critically important to many species of seabirds, especially the Red Knot. Without the food from the Horseshoe crab eggs, many bird species will be extinct. Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Marie Corcoran
72 Lincoln St
Newton, MA 02461

(781) 910-8309
corks@comcast.net

From: [Mass Audubon](#) on behalf of [Margo Mercer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 21, 2023 4:14:38 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 21, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Margo Mercer
77 Codman Road
Brookline, MA 02445
(617) 909-2081
mservison@gmail.com

From: [Mass Audubon](#) on behalf of [Steven Buckingham](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Friday, April 21, 2023 12:44:19 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 21, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Steven Buckingham
53 Mashie circle
Mashpee, MA 02649
(954) 462-5401
steven.buckingham1@gmail.com

From: [Mass Audubon](#) on behalf of [Phyllis Pollack](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 20, 2023 6:18:28 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 20, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Phyllis Pollack
9 Tideswell Lane
Worcester, MA 01609
(508) 849-9777
phyl.pollack@gmail.com

From: [Mass Audubon](#) on behalf of [Donna Cooper](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 20, 2023 9:47:36 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 20, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Donna Cooper
4 Eagle Way
Andover, MA 01810
(978) 470-2717
donna.j.cooper@gmail.com

From: [Mass Audubon](#) on behalf of [Carol Carson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 20, 2023 9:17:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 20, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Carol Carson
11 Clarence Soule Dr
Middleboro, MA 02346-2647
(508) 369-8303
krillcarson@mac.com

From: [Mass Audubon](#) on behalf of [Helen Lozoraitis](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 20, 2023 7:53:23 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 20, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Helen Lozoraitis
30 Crystal Spring Rd.
Mattapoisett, MA 02739
(617) 908-1752
helenloz@verizon.net

From: [Mass Audubon](#) on behalf of [Harriet Forman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 20, 2023 7:23:17 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 20, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Harriet Forman
381 Pollard Rd
Northbridge, MA 01534
(508) 579-8758
harrietf@charter.net

From: [Mass Audubon](#) on behalf of [Eve Bennett](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 20, 2023 1:46:51 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 20, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Eve Bennett
8316 N Fessenden st
Portland, OR 97203
(503) 708-0190
eve.epdh@gmail.com

From: [Mass Audubon](#) on behalf of [Emily Bauernfeind](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 20, 2023 12:22:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I remember the excitement and fascination of finding these ancient creatures crawling around Buzzards Bay as a child. But now that I'm exploring these same beaches with my daughter, I can count on one hand the number I've seen in the past few years. What a loss!!

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Emily Bauernfeind
155 Forest Hills St #3

Jamaica Plain, MA 02130
(617) 304-4793
emoparker@gmail.com

From: [Mass Audubon](#) on behalf of [Eli Fastiff](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 11:16:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I have grown up seeing the effects of the biomedical and bait harvests on this species. When I was little it was not a surprise to see one of these animals every time I would go for a walk during low tide in the early summer. Now I barely see one a year. The horseshoe crab is my favorite animal, and has helped inspire me to study environmental science and ecosystem management in college. Please protect it so future generations can have the opportunity to be inspired as well.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Eli Fastiff
125 Way 26
Wellfleet, MA 02667
(415) 535-3669
esfastiff@gmail.com

From: [Mass Audubon](#) on behalf of [Elaine Abrams](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 10:46:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Elaine Abrams
9 Fletcher Reach
Plymouth, MA 02360
(203) 241-9510
elaineabramsrn@gmail.com

From: [Mass Audubon](#) on behalf of [Lauren Birks](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 10:16:37 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I deeply implore you to implement these regulations to protect this keystone species.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Lauren Birks
48 Christie Cairn Square SW
Calgary, AB T3H2Z2
403852240-

lkbirks@gmail.com

From: [Mass Audubon](#) on behalf of [Deanna Johnson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 6:16:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Deanna Johnson
17 Wells Rd
Lincoln, MA 01773
(617) 852-3037
deannajohnson9@gmail.com

From: [Mass Audubon](#) on behalf of [David Shapiro](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 6:16:15 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. David Shapiro
15 Hardings Way
Truro, MA 02666
(781) 690-4590
dshapiro44000@gmail.com

From: [Mass Audubon](#) on behalf of [Dave Judelson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 5:52:03 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Dave Judelson
200 Swanton St., APT 723
Winchester, MA 01890-1949
(781) 799-4743
davejud@gmail.com

From: [Mass Audubon](#) on behalf of [marcia grenier](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 5:46:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. marcia grenier
28 wabash ave
worchester, MA 01604
(774) 415-4417
mgrenier2@yahoo.com

From: [Mass Audubon](#) on behalf of [Alexander Van Alen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 5:46:14 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Alexander Van Alen
39 Lakemans lane
Ipswich, MA 01938
(978) 289-7667
asvanalen1@gmail.com

From: [Mass Audubon](#) on behalf of [Barbara Lambdin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 3:51:44 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I'm thankful to live in the environmentally conscious state of Massachusetts! However, we lag way behind other states in protecting a keystone species- Horseshoe Crabs.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Barbara Lambdin
6 Great Western Way
South Dennis, MA 02660

(717) 798-2648
blamviola@verizon.net

From: [Mass Audubon](#) on behalf of [Landis Van Alen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 3:51:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration. Please, I urge you to help protect this important species by passing legislation that will ban the harvest of horseshoe crabs for bait and reduce the number of horseshoe crabs that can be legally harvested. Let's come together in support of ocean conservation and protect horseshoe crabs for future generations.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Landis Van Alen
39 Lakemans Ln
Ipswich, MA 01938-2538

(978) 289-7666
lvanalen@comcast.net

From: [Mass Audubon](#) on behalf of [Sara Beck](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 3:46:01 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Horseshoe crabs have been around for 400 million years. Please don't let them go extinct on our watch!

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Sara Beck
16 Pemberton Road
Topsfield, MA 01983
(978) 887-8844
flyjib@gmail.com

From: [Mass Audubon](#) on behalf of [Al Nierenberg](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 1:45:51 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Al Nierenberg
38 Herrick Road
Boxford, MA 01921
(617) 921-2536
alnierenberg@comcast.net

From: [Mass Audubon](#) on behalf of [Charlotte Hamlin](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 1:15:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Charlotte Hamlin
428 Potomska Road
South Dartmouth, MA 02748
(508) 415-1204
still.oarlock@gmail.com

From: [Mass Audubon](#) on behalf of [Prassede Calabi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 12:15:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Ecologically & otherwise this is a remarkable species that we are driving to extinction. As a many-decade habitue of the Cape I know personally the difference in numbers now and 4 years ago.

People's craven behavior is a threat, medical research is a threat. The law is SO outdated we don't protect *Limulus* even during the breeding season. Although we extend that protection to lobsters, deer, fur-bearing mammals and so many other species.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Prassede Calabi
61 Brookside Ave
Winchester, MA 01890
(617) 755-7330
pcalabi@gmail.com

From: [Mass Audubon](#) on behalf of [Tina Grosowsky](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 11:51:21 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

I visit Cape Cod every summer and have noticed the depletion of the horse crabs on the beaches. We must protect the Massachusetts horseshoe crab!!

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit. Our coastal habitat is vital to the state ecosystem and we need to protect all of it including the horseshoe crab.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. Biomedical companies must develop alternative methods of testing materials.

And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Tina Grosowsky

425 main Street 6B
Hudson, MA 01749
(978) 387-3693
tgrosowsky@verizon.net

From: [Mass Audubon](#) on behalf of [Alice Prince](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 11:45:40 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Alice Prince
104 Tar Kiln Rd
South Orleans, MA 02662
(508) 240-7615
asp7@columbia.edu

From: [Mass Audubon](#) on behalf of [Shannon Mercer](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 10:21:12 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Shannon Mercer
11 Healy Rd
Weymouth, MA 02188
(781) 812-0702
shannonm25@hotmail.com

From: [Mass Audubon](#) on behalf of [Robin Parkinson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 9:51:08 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Robin Parkinson
290
Wellfleet, MA 02667
(917) 301-2433
robinp917@gmail.com

From: [Mass Audubon](#) on behalf of [Kathie Wing](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 8:45:20 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Kathie Wing
53 Old Main Street
Lakeville, MA 02347
(508) 947-8911
kathiewing@hotmail.com

From: [Mass Audubon](#) on behalf of [Jennifer Losavio](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 8:20:57 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Jennifer Losavio
424 Rumonoski Drive
Northbridge, MA 01534
(508) 384-8260
bigdayforplay@gmail.com

From: [Mass Audubon](#) on behalf of [Brett Thelen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 7:20:51 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Although I no longer live in Massachusetts, I am a frequent visitor. I also teach a coastal ecology course for undergraduates that culminates in a week-long trip to the Outer Cape, and once volunteered on a horseshoe crab research project through Mass Audubon. I have been concerned about horseshoe crab population declines in Massachusetts for nearly two decades. Action is long overdue.

Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich, and bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest instead of valued for their indispensable role in the medical industry and the coastal food web. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs will have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Brett Thelen

PO Box 246
Harrisville, NH 03450
(508) 237-6355
bathelen@hotmail.com

From: [Mass Audubon](#) on behalf of [Elizabeth Szymanski](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Wednesday, April 19, 2023 5:45:03 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 19, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Elizabeth Szymanski
9 Purcell dr
Billerica, MA 01821
(978) 376-2174
bethmolasky@yahoo.com

From: [Mass Audubon](#) on behalf of [Bailey Rosen](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 18, 2023 7:44:02 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Bailey Rosen
90 depot st
Dalton, MA 01226
(516) 404-6692
baileyrosentru@gmail.com

From: [Mass Audubon](#) on behalf of [Susan Baker](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 18, 2023 4:49:31 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

I have been spending time on the bay beaches since I was born. For most of those 67 years there was evidence of a robust population of horseshoe crabs. For the past 10-15 years or so, signs of them have practically disappeared. Please do anything you can to help protect this important species.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Susan Baker

180 Commercial Street
Wellfleet, MA 02667
(508) 932-1296
susaleavitt@yahoo.com

From: [Mass Audubon](#) on behalf of [Judy Sebastian](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 18, 2023 4:13:41 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.
Sincerely, Judy Sebastian

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Judy Sebastian
70 Ellis road
Eastham, MA 02642
(508) 247-7879
gussiejs@gmail.com

From: [Mass Audubon](#) on behalf of [Ksenija Broks](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 18, 2023 3:43:40 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Ksenija Broks
19 Sheffield Rd Apt 3
Roslindale, MA 02131
+0016179394292
ksenijabroks@gmail.com

From: [Mass Audubon](#) on behalf of [Jenette Kerr](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 18, 2023 3:13:39 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Jenette Kerr
P.O. Box 741
Truro, MA 02666
(617) 721-2847
jenette.kerr@yahoo.com

From: [Mass Audubon](#) on behalf of [Lissy Perna](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 18, 2023 2:43:32 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Lissy Perna
1131 long pond road
Brewster, MA 02631
(774) 353-6399
getoutsidecapecod@gmail.com

From: [Mass Audubon](#) on behalf of [Paul Kelly](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 18, 2023 2:19:13 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Dr. Paul Kelly
22 Cranberry Lane
Brewster, MA 02631
(860) 681-7790
pk11112222@gmail.com

From: [Mass Audubon](#) on behalf of [Kate Anderson](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Tuesday, April 18, 2023 10:48:58 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 18, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Kate Anderson
94 Laurie Lane
Hanover, MA 02339
(781) 640-2516
katyia11@yahoo.com

From: [Mass Audubon](#) on behalf of [Heather Packard](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Thursday, April 13, 2023 5:40:25 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 13, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Heather Packard
38 Black Duck Road
Concord, MA 01742
(508) 414-6040
packard.heather@yahoo.com

From: [Mass Audubon](#) on behalf of [Sara Doberstein](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 10:18:48 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

May 1, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Miss Sara Doberstein
1096 4th Ave A West
Owen Sound, ON N4k 5a1
(519) 376-1394
sj@sarajanedoberstein.com

From: [Diana O'Loane](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for Horseshoe crab conservation measures
Date: Thursday, April 27, 2023 10:27:39 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Director Daniel McKiernan

I am writing in support of the conservation measures in the commonwealth's
Proposal to Adjust Commercial Horseshoe Crab Limits.

Additionally, I urge the Division of Marine Fisheries to phase out bait harvest entirely. New Jersey and South Carolina have much stronger protections in place to protect their horseshoe crab populations, and it's time for Massachusetts to better conserve this valuable species.

Bait and Biomedical harvests target females with eggs during the spawning season. This practice should be made illegal, as it is for lobster and crab fisheries.

As a Cape Cod and nature lover, I strongly support the proposed regulation changes and conservation measures to protect Horseshoe crabs in Massachusetts. Please outlaw the harvest of females during spawning season, as well as the harvesting of Horseshoe crabs for bait.

Thank you for your consideration.

Sincerely,
Diana O'Loane
58 Neptune St
Beverly, MA 01915
oloaned@gmail.com
978 922-4989

From: [Mass Audubon](#) on behalf of [Lauren Spengler](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measuresw
Date: Saturday, April 29, 2023 3:19:21 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 29, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Improved protection for horseshoe crabs can have additional ecological benefits, since shorebird species like the Red Knot -- federally and state-listed as a threatened species -- depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Ms. Lauren Spengler
38 Namequoit Road
Orleans, MA 02653
(203) 241-2789
lspengler117@gmail.com

From: [Sara Valle](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation
Date: Monday, May 1, 2023 9:57:22 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Sara Valle

From: [Sadie Leveque](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation
Date: Monday, May 1, 2023 9:22:34 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by:

- Extending the harvest ban to at least June 15 as was originally petitioned.
- Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,
Sadie Leveque

From: [Joanne Berry](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for Horseshoe Crab Regulation
Date: Monday, April 24, 2023 3:40:49 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Street 15 George
MA 01778 Wayland,
2023 April 24,

Attention: Mr. Daniel McKiernan
Director of Massachusetts Division of Marine Fisheries

Dear Mr. McKiernan,

I am writing to express my support for proposed new regulations to protect horseshoe crabs. This represents a unique opportunity to enhance protections through the spawning season, April 15-June 30.

This creature represents an important segment of marine life.

Furthermore, I support the reduction of the usage of horseshoe crabs for use as bait for eel and whelk harvesting. Restrictions need to be put in place to ensure the sustainability of the horseshoe crab population.

Thank you for your attention to this matter.

Joanne Berry

From: [Mass Audubon](#) on behalf of [Coleen power](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crabs
Date: Thursday, April 27, 2023 11:45:42 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 27, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Horseshoe crabs are in trouble in Massachusetts waters.

Biomedical harvest on Cape Cod has increased.. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

While I realize that certain medical discoveries have been made harvesting certain marine animals, surely a change can be made for females, and during spawning season.

Massachusetts is overdue for updates to horseshoe crab harvesting regulations, as local populations of this incredible species have become seriously depleted. Other Atlantic coast states like New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, and it's time for Massachusetts to follow suit.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mrs. Coleen power
10 Bucket Mill Lane
Hingham, MA 02043
(617) 584-8672
coleenbarrett@hotmail.com

From: [Maaya Demenocal](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for horseshoe crab conservation measures
Date: Monday, May 1, 2023 9:58:32 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear members of the Division of Marine Fisheries,

I am a student at Falmouth Academy and am emailing you in regard to the Proposal to Adjust Commercial Horseshoe Crab Limit. I support the conservation measures in the proposal and am asking you to not only adopt the new regulations protecting spawning horseshoe crabs in Massachusetts but to go even further by

- - Extending the harvest ban to at least June 15 as was originally petitioned.
- - Committing to phase out the harvest of horseshoe crabs for bait for an unsustainable whelk fishery.

Horseshoe crabs are a vital part of our marine ecosystem, and overharvesting by humans is leading them close to extinction. The repercussions of this mistake will be devastating for marine ecosystems and the animals that rely on horseshoe crabs as a food source.

Sincerely,

Maaya deMenocal

From: mysone@comcast.net
To: [Fish, Marine \(FWE\)](#)
Subject: Support for proposed conservation measures for MA horseshoe crab fishery
Date: Sunday, April 30, 2023 8:05:06 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

April 30, 2023

Daniel McKiernan, Director
Massachusetts Division of Marine Fisheries
836 Rodney French Blvd.
New Bedford, MA 02744

Dear Director McKiernan,

I support the state's Proposal to Adjust Commercial Horseshoe Crab Limits.

The proposed regulation changes will offer increased protection for horseshoe crabs during the bulk of the spawning season, a time in their life cycle that is critical for the sustainability of this ecological important species. And with the addition of Charles River Lab in Harwich, one of the largest biomedical bleeders of horseshoe crabs, an exponential increase in the biomedical harvest of horseshoe crabs in Massachusetts is inevitable, unless regulations are set in place.

Stricter conservation measures within the horseshoe crab fishery are long over-due in Massachusetts, and the proposed changes are a step in the right direction.

However, more can, and should, be done. I also urge the Division of Marine Fisheries to phase out bait harvest altogether. Horseshoe crabs are primarily used as bait for whelk, a species DMF deems "depleted throughout their range within the waters under the jurisdiction of the Commonwealth." While 15-30% mortality of horseshoe crabs to create LAL which from all people benefit can be justified, 100% mortality for the bait industry for whelk, a species that is "depleted" and the 2018 stock assessment suggests "the long-term sustainability of the commercial fishery is threatened," seems short-sighted and irresponsible.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,
Melissa Lowe Cestaro

600 Massasoit Road, Eastham, MA 02642
508-648-2072

mysone@comcast.net

From: [Gabbie DiNardi](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support for Strong Horseshoe Crab Protections
Date: Monday, April 17, 2023 6:23:54 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi there!

I am a resident of Barnstable and writing to add support for proposed rules to restrict harvesting of horseshoe crabs during key parts of the year. I am an avid lover of wildlife, especially birds, and could go on and on about the many benefits of having thriving avian ecosystems. Horseshoe crabs certainly deserve protections in their own rights, but in addition, shorebirds in particular rely on horseshoe crabs as a prey item and will suffer if the MA crab populations are imperiled or lost. Ideally I would love to see a total ban on bait harvest of horseshoe crabs.

Thank you for increasing protections for this important species!

-Gabbie Burns

From: [Mass Audubon](#) on behalf of [Robert Goldman](#)
To: [Fish, Marine \(FWE\)](#)
Subject: Support horseshoe crab protection and conservation
Date: Monday, April 24, 2023 5:47:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Apr 24, 2023

Director Daniel McKiernan

Dear Director McKiernan,

I support the conservation measures in the state's Proposal to Adjust Commercial Horseshoe Crab Limits. Additionally, I urge the Division of Marine Fisheries to phase out bait harvest altogether.

Massachusetts, my home state, is long overdue to enact serious protections for horseshoe crabs from the criminal levels of over-harvest perpetrated by Charles River Labs. As local populations of this ancient and incredible species have become seriously depleted, it's time for serious protections and restrictions on their removal from their ocean home.

Other Atlantic coast states, such as New Jersey and South Carolina have much stronger protections in place for horseshoe crabs, it's time right now for Massachusetts to follow suit.

I grew up by the sea in the Point of Pines in Revere and the presence of horseshoe crabs and their egg cases were a fascinating part of our beach, everywhere. It was heart breaking to learn that Charles River Labs has basically been allowed to rob my childhood beach of this ancient native animal. As we know, there are effective, synthetic alternatives available to Charles River Labs, that make killing horse shoe crabs completely unnecessary and therefore horrifying.

Biomedical harvest on Cape Cod has increased with new operations in Harwich. And the practice of bait harvest of horseshoe crabs is a relic of times when horseshoe crabs were considered a shellfish pest. Additionally, both the bait and biomedical harvest target female horseshoe crabs, with eggs, while they are spawning in May and June. By comparison, it is illegal to take females with eggs in the lobster and crab fisheries.

Real and serious protection for horseshoe crabs will have additional ecological benefits, including for shorebird species such as the Red Knot -- federally and state-listed as a threatened species -- which depend on horseshoe crab eggs during spring migration.

Again, I support the proposed regulation changes, and hope to see the Division of Marine Fisheries go even further by phasing out bait

harvest altogether, as has been done in other states.

Thank you for considering these comments.

Sincerely,

Mr. Robert Goldman
300 Lynn Shore Drive, Ap't 1009
Lynn, MA 01902
(207) 831-5929
bobg128@gmail.com

From: [Tribal Scribal](#)
To: [Fish, Marine \(FWE\)](#)
Cc: [Constituent Services \(GOV\)](#); [Comerford, Joanne \(SEN\)](#)
Subject: Testimony: Spawning Horseshoe Crabs in Danger
Date: Thursday, April 27, 2023 2:51:29 PM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Commercial bait and biomedical harvest industries target female horseshoe crabs while they are spawning in May and June. Any mortality threatens this ancient species, and a new biomedical harvester has set up shop on Cape Cod.

The proposed regulations to protect spawning crabs are lacking.

A June 1 open season on harvesting is still within the crabs' spawning season and thus, is insufficient for their protection. We call on The Mass Division of Marine Fisheries to prohibit all forms of harvest until June 30th.

Don Ogden
The Enviro Show
WXOJ/WMCB/WMNB
140 Pine Street
Florence, MA 01062

--

"Our planet's future climate is inextricably tied to the future of its forests." - *Oct. 5, 2018 letter from 40 scientists to the Intergovernmental Panel on Climate Change*

"A society grows great when old men plant trees in whose shade they shall never sit." - Greek Proverb

"It's time for the white-gloved invisible hand of economics to meet the visible fist of physics." - Jag Bhalla

<http://concertobi.blogspot.com/>

Checkout The Enviro Show on WXOJ-LP, 103.3fm. Northampton, MA, Tuesdays, 6pm
[Webstreaming at:

<http://valleyfreeradio.org/listen/>

Also on WMCB, Greenfield; 107.9, Mondays & Tuesdays at 6pm. Streaming at

<http://wmcbl.net/Listen.html>

[Blog w/links and YOUR comments at: <http://envirosho.blogspot.com/>]

Email: enviroshow@valleyfreeradio.org

From: [Heather Crombie](#)
To: [Fish, Marine \(FWE\)](#)
Subject: We need more protections for Horseshoe Crabs
Date: Monday, April 10, 2023 9:53:54 AM

CAUTION: This email originated from a sender outside of the Commonwealth of Massachusetts mail system. Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Hi;

I've seen the number of horseshoe crabs on our beaches dwindle in recent years. They are part of the Earth's food web and I'd like them protected, especially from their role as baitfish. We've put humpback whales into an extinction spiral, let's not do the same for horseshoe crabs. New Jersey, Delaware, Maryland, Virginia and South Carolina consider their relationship to other animals, fish and birds, Massachusetts should do the same to understand the impact of their diminishing numbers. Once we understand their place in the food web, we can learn to project realistic numbers for harvesting. Until then, I support any protections to ensure their numbers don't continue to drop.

Heather

--

Heather Crombie
703 403-9282
1357 Main St.
Brewster, MA 02631



May 1, 2023

To: Daniel J. McKiernan, Director, Massachusetts Division of Marine Fisheries, and the Massachusetts Marine Fisheries Advisory Commission

From: Sharl Heller, President, for the Southeastern Massachusetts Pine Barrens Alliance

Re: Comments regarding the proposed commercial horseshoe crab regulations

Dear Director McKiernan and members of the Massachusetts Marine Fisheries Advisory Commission:

The Southeastern Massachusetts Pine Barrens Alliance (SEMPBA) formed in 2013 with the purpose of developing collaborations with and among federal, state, and municipal agencies, conservation organizations and local Wampanoag tribes, to advance conservation within the globally rare ecoregion known as the Massachusetts Coastal Pine Barrens. We focus our care on the creatures who have evolved to live in this unique ecoregion since the glaciers retreated but are now threatened due to daily human assaults and thoughtlessness.

In 2017, horseshoe crabs became a focus of SEMPBA's concern. As part of the Massachusetts Division of Marine Fisheries (DMF) Spawning Horseshoe Crab Survey, SEMPBA volunteers began surveying horseshoe crabs on Long Beach, Plymouth. This year, SEMPBA has organized a statewide coalition to advocate for the conservation of horseshoe crabs and has petitioned the Massachusetts Division of Fish and Wildlife Natural Heritage and Endangered Species Program to state list horseshoe crabs as 'species of concern' (Addendum 1).

SEMPBA felt compelled to become advocates for horseshoe crabs, in part, because the DMF's efforts to rebuild horseshoe crab populations on Massachusetts' shores have failed to significantly increase the amount of horseshoe crab eggs available for the avian and marine species that rely on the eggs for their survival.

The DMF has an obligation to conserve horseshoe crabs for migratory shorebirds and other dependent fish and wildlife, according to MA 322 CMR section 6.34: Horseshoe Crab Management:

(1) Purpose. The purpose of 322 CMR 6.34 is to comply with the Interstate Management Plan for horseshoe crabs to manage horseshoe crab populations for continued use by current and future generations of the fishing and non-fishing public including the biomedical industry, scientific and educational research; migratory shorebirds; and, other dependent fish and wildlife. The plan requires the Commonwealth to monitor and control harvest levels by all sectors and conserve crabs through a commercial quota for crabs harvested as bait."

While we understand the complexity the DMF faces in trying to balance fisheries with conservation, the proposed regulatory amendments are designed to sustain fisheries and the biomedical industry. There is no indication that the DMF amendments will increase horseshoe crab populations—and, we fear, these minimal efforts at conservation may lead to further declines in horseshoe crab populations and the species that depend on them.

We have based our opposition to the regulatory changes proposed by the DMF on a review of current scientific literature, available data, and documented photographs. Thank you for considering our comments.

1. Permitting and Reporting

Establish new permitting requirements for the biomedical fishery, adopt as regulations longstanding permit conditions affecting biomedical reporting, and require electronic daily reporting for commercial bait and biomedical fishers.

In general, SEMPBA agrees with the DMF that the proposed regulations around permitting and reporting strengthen the DMF's ability to manage the horseshoe crab fisheries.

However, section "e. *Biomedical processors are required to report monthly on forms provided by the Division the total number of horseshoe crabs processed, source of the crabs processed, and total estimated mortality,*" does not go far enough.

The DMF proposed regulations fail to set limits on horseshoe crab mortality at all stages of processing and release. Biomedical mortality is estimated in the DMF *Massachusetts 2009 Compliance Report to the Atlantic States Marine Fisheries Commission*. Submitted by Robert Glenn, Massachusetts Division of Marine Fisheries, to be around 30%:

We undertook a study of mortality of unbled females vs. those handled and bled by Associates of Cape Cod, the local biomedical company. The results documented a mortality rate of 30%, substantially higher than the 5-15% estimate currently used for management of this fishery.¹

Leschen, A. S. and Correia, S. J. (2010) published their study, *Mortality in female horseshoe crabs (Limulus polyphemus) from biomedical bleeding and handling: implications for fisheries management*, with the following results:

Our study showed higher female mortality from biomedical bleeding than previously reported, except the group of females with the highest level of bleeding and handling in Hurton and Berkson (2006), where mortality was virtually identical to that of our Group 3 (29.4% and 29.8%, respectively). These mortality rates are considerably higher than those currently used for management in both Massachusetts and by ASMFC (15%).²

A mortality rate of 15%, cited by the ASMFC, which appears to be the acceptable rate for biomedical mortality,³ is half of the biomedical mortality rate observed in Massachusetts. Since the DMF does not disclose the biomedical mortality rate, the public has no reason to assume that the mortality rate has improved. DMF needs to address this discrepancy with real numbers.

The DMF regulation 'e' fails to impose consequences for excess mortality, such as the suspension of bleeding or the implementation of fines if the mortality rate exceeds 15%. The proposed minimal management of biomedical processors is ineffectual without consequences. Reporting is important but so is enforcing agreed to best management practices. We urge the DMF to set standards and require adherence to those standards with clear consequences for any person or company failing to meet basic standards.

2. Spawning Closure

For 2024, replace the existing 5-day springtime lunar closures, which occur around each new and full moon during the period of April 16–June 30, with a January 1–May 31 prohibition on horseshoe crab harvest by all persons.

The DMF proposes to replace the existing 5-day springtime lunar closures with a January 1–May 31 prohibition on horseshoe crab harvest by all persons, claiming during public meetings that a January to May closure will protect approximately 80% of all female spawning crabs from harvest both north and south of Cape Cod.⁴

The DMF bases the closure on the horseshoe crab spawning beach survey data (i.e., observations of the presence of female spawning crabs).⁵

The reasons not to rely on spawning beach survey data or expect the January to May 31 closure to increase horseshoe crab populations follows:

1. Research conducted in New Hampshire (Cheng 2014) indicates water temperature, not the calendar, is the greatest factor in when horseshoe crabs spawn:

Peaks of spawning activity throughout the spawning season typically coincided with increases in water temperature, and the largest spawning densities were found in areas of the Great Bay Estuary that were generally the warmest. This pattern has also been seen in other areas of the geographic range of *L. polyphemus*, but at different temperature thresholds."⁶

2. The Atlantic States Marine Fisheries Commission, *Fishery Management Report No. 32 of the Interstate Fishery Management Plan for Horseshoe Crab*, confirms, "In Massachusetts, spawning occurs between May and July (Barlow et al., 1986)." ⁷
3. The DMF spawning horseshoe crab surveys typically end around June 30. This cut-off date misses spawning events that happen later in the summer. Attached are documented photographs showing horseshoe crabs spawning in mid-July—examples of why opening the take on June 1 impedes the DMF mandate to restore horseshoe crab populations. (See Addendum 1 and 2.)
4. The DMF claims that 80% of female horseshoe crabs are counted before May 30. In our experience surveying horseshoe crabs on Long beach, SEMPBA has found that spawning horseshoe crab numbers are high the first few days of the survey period but drop off dramatically over successive surveys. By mid-June counts are low to non-existent.

For example: Long Beach surveys morning and night on May 14 yielded 92 crabs. The May 16-17 surveys counted 24. Subsequent survey periods in May recorded no more than 18 crabs in any 2-tide period. By June 6, the two-tide surveys counted 10 crabs and the surveys from June 17 to July 1 count only 2 crabs over 5 surveys. This data does not inform us as to when peak spawning occurs, but rather when peak beach-take occurs.

5. The DMF attributes the June drop off to horseshoe crabs completing spawning, but the DMF is ignoring the evidence that horseshoe crab survey numbers drop by June because the crabs are taken by fishers—not because they have completed spawning.

The DMF data, *Monthly HSC Bait Landings*,⁸ corroborates our theory that the bait take in May substantially reduces spawning throughout Massachusetts in June and July, leading to the false assumption that 80% of spawning occurs in May.

Month	Crabs Taken Onshore	% Mobile Take
MAY	42,338	2%
JUN	26,948	50%
JUL	18,552	100%
AUG	27,994	100%

5. Research supports extending the closure of horseshoe crab harvest through the entire spawning season, May through the end of July:
- a) Ecological Research & Development Group: "Horseshoe crab spawning season varies according to latitude, but it generally peaks in May and June."⁹
 - b) Atlantic State Marine Fisheries: "Spawning activity can be highly variable between areas. Generally, spawning occurs on protected sandy beaches from March through July."¹⁰
 - c) Sara P. Grady and Ivan Valiela: "Horseshoe crabs migrate to shallow beaches and mudflats to spawn from May through July, laying from 40,000 to 120,000 eggs each in small batches of a few thousand at a time (Shuster and Botton 1985; Leschen et al, 2006)."¹¹
 - d) Sara P. Grady and Ivan Valiela: "Fecundity is low at the start of the spawning season, peaks in late June and early July, and decreases again at the end of the season. This pattern is common in arthropods where egg production corresponds to body size (Prager et al. 1990)."¹²
 - e) Sara P. Grady and Ivan Valiela: "Within a harvest period of a given length, the later in the season it occurred, the milder the negative effect on population growth. This suggests that a delayed harvest season or a reduction in duration would have positive effects on the populations in these estuaries. The data suggest three possible management strategies to be used separately or in combination: a reduction in total harvest, a minimum size limit, and a delay in the start of the harvest season."¹³
 - f) ICUN: "In Cape Cod, Massachusetts, spawning occurs from May through July with apparent peaks in May and June (Barlow et al. 1986, Widener and Barlow 1999, James-Pirri et al. 2005)."¹⁴
 - g) NOAA Fisheries Northeast Vulnerability Assessment: Species Specific Results. Horseshoe Crab. Adults migrate to protected, low-energy, intertidal sandy beaches between March and August to spawn (ASMFC, 1998).¹⁵

Another argument for restricting the take of all spawning horseshoe crabs:

Horseshoe crabs that spawn later in the season, either due to environmental or evolutionary factors, are taken before they have a chance to spawn, which could severely impact their genetic diversity. Genetic diversity is the way a population of organisms survives the changing environments. The greater the genetic variation, the greater the number of individuals with a variety of alleles that help sustain the organisms in the changing environment. For a species that has survived over 400 million years, maintaining genetic diversity must have been essential. Later spawning crabs, as a subset of horseshoe crabs, may be in greater peril than we understand, and every precaution should be taken to assure that all horseshoe crabs have a chance to spawn through the full extent of the spawning season.

The proposed regulatory changes still permit the take of females carrying eggs. Past restrictions have proven insufficient to protect the crabs and creatures dependent upon them in any significant numbers that indicate a recovery. No animal should be prevented from reproducing. Closure for the horseshoe crab fishery must extend through the entire spawning season. Urgent and immediate measures must be enacted now to regain lost ground and give horseshoe crabs a chance to recover.

3. Biomedical Fishery

Establish new controls on the biomedical horseshoe crab fishery and adopt longstanding permit conditions as regulations:

- a) *Biomedical Quota*

- i. *Establish an annual biomedical fishery quota of 200,000 horseshoe crabs taken by Massachusetts biomedical fishers. This quota will be distributed evenly among all permitted biomedical processors. The state's biomedical fishery will close once 100% of this biomedical quota is taken.*
1. The DMF proposed bait fishery quota 140,000 horseshoe crabs annually, reduced from the 2023 quota of 165,000. Effectively, the DMF has reallocated the shortfall in the 2022 bait quota to cover the mortality expected by the addition of a second biomedical company that began operations in Massachusetts in 2022, while maintaining the actual bait take of the 2022 level. This proposed amendment has no benefit to horseshoe crab conservation efforts as the take will remain the same, or perhaps increase under the new regulations (only the DMF knows for sure). The biomedical take should be capped, and that amendment is appreciated and supported by SEMPBA, but the cap should be set at the level that existed before the second biomedical company moved in. Massachusetts should not sacrifice a resource—now a fraction of its former level before the biomedical companies moved in—to meet the demands of the industry.

4. Bait Fishery

Adjust bait fishery quota, limits, and reporting requirements.

The quota for horseshoe crab bait fishery in Massachusetts should be zero. Here's why:

1. Horseshoe crabs are too valuable to use for bait. The Ecological Research & Development Group: Limulus ameobocyte lysate (LAL), extracted from the blood of horseshoe crabs, detects the presence of endotoxins. Vaccines, injectable drugs, intravenous solutions, and implantable medical devices are quality checked for safety using LAL, making horseshoe crabs vital to human health.¹⁶
2. Long lived animals should not be used for bait. The U.S. Department of the Interior estimates the life expectancy of Horseshoe crabs at "up to 40 years."¹⁷
3. Animals that take over a decade to reach sexual maturity should not be used for bait. Sara P. Grady and Ivan Valiela: "Horseshoe crabs take 11 years to reach sexual maturity."¹⁸
4. The low rate of low rate of Eric Chivian, *Sustaining Life*: "Out of 90,000 eggs laid by a single female, only around 10 horseshoe crabs reach maturity, making them vulnerable to overfishing."¹⁹
5. As noted above, horseshoe crabs take 11 years to reach sexual maturity and though one female can lay up to 120,000 eggs, only around 10 horseshoe crabs will reach spawning age. Lobsters take 8 years to reproduce, yet the DMF regulates against the take egg bearing female lobsters and imposes a stiff fine for perpetrators. Most fishers understand why avoiding the take of egg bearing females is necessary for sustainability of the lobster fishing industry and willingly refrain from taking females with eggs. It's not a stretch to think that horseshoe crab fishers would support a similar ban on taking horseshoe crabs with eggs.

Protecting lobster sustainability is the law! Mass General Law Chapter 130 Section 41A:

Any person who takes, sells or has in his possession any female lobster from which the eggs have been removed by means other than natural hatching, shall be punished for the first offense by a fine of not less than \$250 nor more than \$1,000 for every such lobster and for a subsequent offense by a fine of not less than \$1,000 nor more than \$2,000 for every such lobster, or by imprisonment for not less than 90 days nor more than one year, or both such fine and imprisonment.²⁰

Horseshoe crabs deserve no less.

4. The International Union for the Conservation of Nature (IUCN) website states, "The horseshoe crab is a critical link to coastal biodiversity. One of their ecological functions is to lay millions of eggs on beaches to feed shorebirds, fish, and other wildlife."²¹
5. IUCN: As a result of overharvesting for use as food, bait and biomedical testing, and because of habitat loss, the American horseshoe crab is listed as Vulnerable to extinction and the tri-spine horseshoe crab is classified as Endangered on the IUCN Red List of Threatened Species (June 2020)."²²
6. IUCN Red List of Threatened Species:

Mid-Atlantic region: The populations of Horseshoe Crabs in the Mid-Atlantic region are stable in the Delaware Bay area but indicate continuing declines in New England. Causes of continuing declines are understood to be over-harvest and there are regulatory controls in place. Nevertheless, a threatened risk category of endangered is warranted at the sub-regional (New England area) level until it is apparent that regulatory controls are adequate to reverse the continuing declines."²³
7. Horseshoe crabs are essential to human health and provide significant food source for over 14 species of migratory birds (all in stages of serious decline), endangered sea turtles, diamondback terrapins, American eel, white perch, killifish, silver perch, weakfish, kingfish, silversides, all crab species, several gastropods, Leopard sharks, striped bass, summer flounder and winter flounder."²⁴ Far more valuable than lobsters to the ecosystem and to human health, the DMF needs to recognize horseshoe crabs as a dominant species, end the bait harvest, and allow horseshoe crabs to recover their historic numbers and function in the ecosystem.
8. A ban on bait fishing would be the single most effective measure to increase horseshoe crabs. Massachusetts has the highest bait take of any state on the Atlantic Coast. The *Draft Proceedings of the Horseshoe Crab Management Board*, October 2021, reported, "The states of Massachusetts, Delaware, New York and Maryland made up for 90 percent of the total coastwide bait harvest when combined, and each state harvested 36 percent, 27 percent, 14 percent and 13 percent of the total respective."²⁵
9. The above report shows us that Massachusetts allows more bait take than any other state even though horseshoe crabs "are most abundant from New Jersey to Virginia with the largest population in Delaware Bay."²⁶
10. The Center for Biological Diversity, in a letter to the ASMFC (Sept. 2022), stated, "The eel and whelk fisheries, which use horseshoe crabs for bait, are already plummeting. Eel populations have declined by more than 50% over the past three decades. The IUCN listed American eels an endangered species in 2014. Whelk populations are also in steep decline due to overharvesting. The Massachusetts Division of Marine Fisheries considers channel whelks "to be depleted throughout their range."²⁷
11. NOAA ranks the horseshoe crab's 'Overall Vulnerability' as 'Very High': "Two sensitivity attributes scored above 3.0: Population Growth Rate (3.4) and Complexity in Reproduction (3.1). Horseshoe Crabs are slow growing and long-lived."²⁸

The DMF needs to rethink its decision to allow the take of horseshoe crabs for bait, especially knowing that horseshoe crabs used to lure other species that are also suffering population declines.

The Massachusetts Division of Marine Fisheries has a real opportunity to restore horseshoe crabs to our coastal waters and reverse the decline that began decades ago with the rise in demand for both the bait and biomedical industries. By implementing stronger conservation measures, including ending the bait take, prohibiting the take of horseshoe crabs during spawning season, enforcing biomedical mortality limits, and furthering the restoration of spawning habitat, the DMF could become a leader in horseshoe crab conservation. Fostering significant increases in horseshoe crab populations will assure a sustainable supply of horseshoe crabs —critical for sustaining human health— for the biomedical sector and will likely generate increases in the marine animals and

birds that use them for food. Working towards the recovery of horseshoe crabs to pre-biomedical demand levels should be the DMF's primary management goal. Conservation organizations, and SEMPBA is one, are here to help the DMF meet that goal. Thank you for the opportunity to submit comments.

Sincerely,



Sharl Heller, President
Southeastern Massachusetts Pine Barrens Alliance
158 Center Hill Road
Plymouth, MA 02360
(774) 773-9982/slheller@comcast.net

Please note the attached addenda:

1. Species Listing Proposal submitted to the Massachusetts Natural Heritage and Endangered Species Program by the Southeastern Massachusetts Pine Barrens Alliance to list *Limulus polyphemus*, common name: American Horseshoe Crab as a Special Concern Species in Massachusetts. March 2023.
2. Photos of spawning horseshoe crabs, Nauset Beach, Eastern Shore of Pleasant Bay. Bill Sargent, July 9, 1979.
3. Photos of Spawning Horseshoe Crabs, King Arthur Road, Duxbury-Saquish Marsh. Sharl Heller, July 21, 2022.
4. *When the Horseshoe Crabs Are Gone, We'll Be in Trouble*, New York Times. Deborah Cramer. Feb. 16, 2023. <https://www.nytimes.com/2023/02/16/opinion/drug-safety-horseshoe-crab.html>.

End Notes

¹ Massachusetts Division of Marine Fisheries. *Massachusetts 2009 Compliance Report to the Atlantic States Marine Fisheries Commission – Horseshoe Crab*. Robert Glenn, p. 13.
<https://www.mass.gov/files/documents/2017/09/19/2009-asmfc-hcrab-report.pdf>.

² Leschen, A. S. and Correia, S. J. *Mortality in female horseshoe crabs (Limulus polyphemus) from biomedical bleeding and handling: implications for fisheries management*, Marine and Freshwater Behaviour and Physiology, 43: 2, 135 — 147, April 2010, p. 144.
<https://www.tandfonline.com/doi/abs/10.1080/10236241003786873>.

³ Atlantic States Marine Fisheries Commission 2019 Horseshoe Crab Benchmark Stock Assessment and Peer Review Report. "The assessment team presented data and analysis on the proposed 15% biomedical mortality rate, which appears to be a robust estimate determined by a simple and fairhanded approach based on the best available data." May 2019, p. 3.
http://www.asmfc.org/uploads/file/63d2ed62HSCAssessment_PeerReviewReport_May2019.pdf.

-
- ⁴ Massachusetts Division of Marine Fisheries Slide Presentation, *Welcome to the 2023 Massachusetts Horseshoe Crab Science Meeting*. Slide 47: % of Horseshoe Crab Landings by Gear Type. Derek Perry, Invertebrate Fisheries Project, Massachusetts Division of Marine Fisheries. March 6, 2023.
- ⁵ Massachusetts Division of Marine Fisheries Memorandum. Proposal to Adjust Commercial Horseshoe Crab Limits for 2023. Daniel J. McKiernan, Director, Massachusetts Division of Marine Fisheries to the Marine Fisheries Advisory Commission, February 8, 2023.
- ⁶ Cheng, H., Vaattovaara, V., Connelly, M., Looney, B., Chabot, C.C., Watson, W.H. Temperature and Salinity Preferences of Adult American Horseshoe Crabs (*Limulus polyphemus*) in the Great Bay Estuary, New Hampshire U.S.A. In: , et al. *International Horseshoe Crab Conservation and Research Efforts: 2007- 2020*, p. 593. https://doi.org/10.1007/978-3-030-82315-3_33.
- ⁷ Atlantic States Marine Fisheries Commission. *Fishery Management Report No. 32 of the Interstate Fishery Management Plan for Horseshoe Crab*. December 1998, p. 48.
- ⁸ DMF Presentation. *Welcome to the 2023 Massachusetts Horseshoe Crab Science Meeting*. Derek Perry, Invertebrate Fisheries Project, Massachusetts Division of Marine Fisheries. March 6, 2023.
- ⁹ Ecological Research & Development Group. *The Amazing Horseshoe*. <https://www.horseshoecrab.org/nh/spawn.html>.
- ¹⁰ Atlantic State Marine Fisheries. *Life History and Habitat Needs—Spawning*, <https://asmfc.org/uploads/file//5a70a0ccHorsehoeCrab.pdf>.
- ¹¹ Sara P. Grady and Ivan Valiela. *Stage-structured Matrix Modeling and Suggestions for Management of Atlantic Horseshoe Crab, Limulus polyphemus, Populations on Cape Cod, Massachusetts*. *Estuaries and Coasts*. Vol. 29, No. 4. August 2006, p. 686.
- ¹² Ibid., p. 689.
- ¹³ Ibid. p. 695.
- ¹⁴ The IUCN Red List of Threatened Species. *Limulus polyphemus*, American Horseshoe Crab. Habitat and Ecology. Reproduction. Spawning. Assessment by: Smith, D.R., Beekey, M.A., Brockmann, H.J., King, T.L., Millard, M.J. & Zaldívar-Rae, J.A. 2016. <https://www.iucnredlist.org/species/11987/80159830#habitat-ecology>
- ¹⁵ NOAA Fisheries Northeast Vulnerability Assessment: Species Specific Results. Horseshoe Crab. p. 143. https://www.st.nmfs.noaa.gov/Assets/ecosystems/climate/images/species-results/pdfs/Horseshoe_Crab.pdf.
- ¹⁶ Ecological Research & Development Group. *Biomedical Use of Horseshoe Crabs*. <https://horseshoecrab.org/biomedical-use-of-horseshoe-crabs/>.
- ¹⁷ U.S. Department of the Interior National Park Service. *Horseshoe Crab A Living Fossil*. https://www.nps.gov/gate/learn/nature/upload/nature_horseshoe_crab.pdf.
- ¹⁸ Sara P. Grady and Ivan Valiela. *Stage-structured Matrix Modeling and Suggestions for Management of Atlantic Horseshoe Crab, Limulus polyphemus, Populations on Cape Cod, Massachusetts*. *Estuaries and Coasts*. Vol. 29, No. 4. August 2006, p. 687.
- ¹⁹ *Sustaining Life, How Human Life Depends on Biodiversity*. Edited by Eric Chivian and Aaron Bernstein. Oxford University Press, 2008, p. 279.
- ²⁰ Mass General Laws Chapter 130 Section 21. <https://malegislature.gov/Laws/GeneralLaws/PartI/TitleXIX/Chapter130/Section21>.

²¹ ICUN. *International Horseshoe Crab Day: a celebration of the flagship species for coastal habitat conservation*. June 2020.

<https://www.iucn.org/news/species-survival-commission/202006/international-horseshoe-crab-day-a-celebration-flagship-species-coastal-habitat-conservation>.

²² Ibid.

²³ The IUCN Red List of Threatened Species. *Limulus polyphemus*, American Horseshoe Crab. Habitat and Ecology. Reproduction. Spawning. Assessment by: Smith, D.R., Beekey, M.A., Brockmann, H.J., King, T.L., Millard, M.J. & Zaldívar-Rae, J.A. 2016. <https://www.iucnredlist.org/species/11987/80159830#habitat-ecology>.

²⁴ Atlantic States Marine Fisheries Commission Horseshoe Crab Management Board Briefing Materials, November 10, 2022. Center for Biological Diversity, Letter to the Commission. September 30, 2022, p. 146.

²⁵ Atlantic States Marine Fisheries Commission Horseshoe Crab Management Board Draft Proceedings of the Horseshoe Crab Management Board. October 2021, p.5.

http://asmfc.org/files/Meetings/2022WinterMeeting/HorseshoeCrabBoard_Jan2022.pdf.

²⁶ South Carolina Department of Natural Resources. *Sea Science: Horseshoe Crabs*.

<https://www.dnr.sc.gov/marine/pub/seascience/horseshoecrab.html#:~:text=They%20are%20most%20abundant%20from%20New%20Jersey%20to,the%20coarse%20sandy%20beaches%20are%20ideal%20for%20spawning>.

²⁷ Atlantic States Marine Fisheries Commission Horseshoe Crab Management Board Materials, November 10, 2022. Center for Biological Diversity. Letter to the Atlantic States Marine Fisheries Commission (ASMFC). September 30, 2022, p. 159.

http://www.asmfc.org/files/Meetings/2022AnnualMeeting/HorseshoeCrabBoard_Nov2022.pdf.

²⁸ NOAA Fisheries Northeast Vulnerability Assessment: Species Specific Results. Horseshoe Crab. p. 143.

https://www.st.nmfs.noaa.gov/Assets/ecosystems/climate/images/species-results/pdfs/Horseshoe_Crab.pdf.

Addendum 1

Species Listing Proposal Form: Listing Endangered, Threatened, and Special Concern Species in Massachusetts

Scientific Name: *Limulus polyphemus*

Current Listed Status: None

Common Name: American Horseshoe Crab

Proposed Action:

Add the species, with the status of:

Special Concern Species



Species Listing Proposal Form: Listing Endangered, Threatened, and Special Concern Species in Massachusetts

Scientific Name: *Limulus polyphemus*

Current Listed Status: None

Common Name: American Horseshoe Crab

Proposed Action:

Add the species, with the status of:

Special Concern Species

Proponents:

Sharl Heller, President, Southeastern Massachusetts Pine Barrens Alliance

Address: The Center at the Center Hill Preserve, 158 Center Hill Road, Plymouth, MA 02360

Telephone: Cell: 617-449-8816; Center Office: 774-773-9982 Email: slheller@comcast.net

Signature Sharl Heller

Date Submitted: February 24, 2023

Barbara Brennessel, Ph.D., Professor Emerita of Biology, Wheaton College

- *Diamonds in the Marsh: A Natural History of the Diamondback Terrapin*
- *Good Tidings: The History and Ecology of Shellfish Aquaculture in the Northeast*
- *The Alewives' Tale: The Life History and Ecology of River Herring in the Northeast*
- *The Adventures of Allie the Alewife*
- *Tidal Water: A history of Wellfleet's Herring River*

Deborah Cramer, Author

- *Great Waters: An Atlantic Passage* (W.W. Norton)
- *Smithsonian Ocean: Our Water Our World* (Harper Collins/Smithsonian Books)
- *The Narrow Edge: A Tiny Bird, an Ancient Crab, and an Epic Journey* (Yale University Press)
 - National Academy of Sciences Best Book
 - Society of Environmental Journalists Rachel Carson Book Award
 - *Volando a Orillas del Mar: El viaje épico de un ave playera que une continentes* (Vázquez Mazzini, Buenos Aires)
 - 绝境 (Commercial Press, Beijing)
 - Forthcoming (Yeren Press, Taiwan)

Tim Simmons, Conservation Ecologist

Restoration ecologist with the Massachusetts Division of Fisheries and Wildlife Natural Heritage and Endangered Species Program (NHESP), retired

JUSTIFICATION

There are several persuasive arguments for listing the American horseshoe crab as a Species of Special Concern in Massachusetts, including population data from government agencies, conservation organizations, and scientific research, including research demonstrating the effects of declining horseshoe crabs to coastal ecosystems, and links between the population of crabs and the disappearance of a variety of shorebirds from their traditional migrating routes.

The most up-to-date data is derived from trawl surveys conducted by the Massachusetts Division of Marine Fisheries (DMF), spawning surveys conducted by various organizations under DMF's aegis, data analysis by the Atlantic States Marine Fisheries Commission (ASMFC) which conducts stock assessments coastwide, published scientific research, and population assessments from the International Union for the Conservation of Nature (IUCN).

Another, perhaps unique argument for the listing of *Limulus polyphemus*, is the absence of critical data. For the past several decades—associated with the development of our coastlines and the increased importance of this species' primordial blood to biomedical research—horseshoe crabs have suffered from a dramatic case of benign neglect. The disappearance of this species from our beaches, where once it was so ubiquitous that municipalities paid bounties for its removal, should have been met with alarm, and with armies of researchers. Instead, it was met with relentless stories of the species' use in biomedical research, and with its relegation by fisheries' regulators to the status of by-catch and insistence that the species is doing well, despite the lack of evidence necessary to prove that.

For those reasons and others, which we discuss further in the **Trends** and **Threats** sections of this proposal, while the data do not demonstrate an immediate risk of extinction, the mismanagement of this species makes its own persuasive argument. There is also abundant evidence that the quantity of horseshoe crabs taken from Massachusetts waters each year has dramatically interrupted their breeding activity, threatening both the sustainability of the horseshoe crabs themselves, and their essential role in our coastal ecosystems. And while the effect of decreasing horseshoe crabs in the coastal food web has not been fully characterized in Massachusetts, multiple studies in other waters draw a clear line between the decline of horseshoe crabs and the decline of a variety of other coastal species (Mattei et al.2020, 2022).

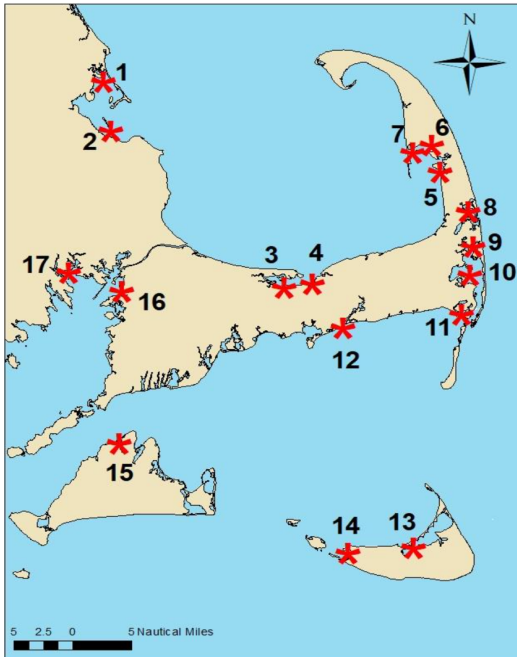
(1) Taxonomic Status.

Taxonomy of *Limulus* has been stable for over one hundred years (Kin 2014 and Bicknell 2021).

(2) Recentness of records.

Spawning beach Surveys

The locations of spawning beach surveys are shown in the map supplied by the DMF.



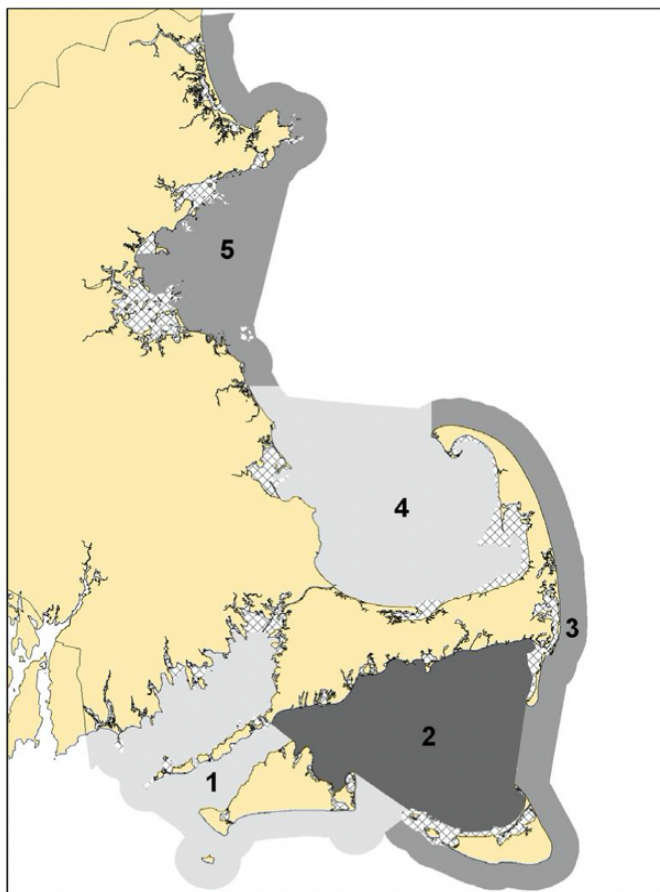
Key to Map: 1. Duxbury; 2. Long Beach; 3. Milway; 4. Long Pasture; 5. Sanctuary Beach; 6. Indian Neck; 7. Great Island; 8. Priscilla's Landing; 9. Marsh 2-3; 10. Erica's Beach; 11. Morris Island; 12. Bass River; 13. Monomoy Beach; 14. Warren's Landing; 15. Tashmoo; 16. Tahanto; 17. Swifts Beach.

The methodology for these volunteer-run spawning surveys is described in Appendix 3. Data from the surveys is compiled and analyzed by DMF and submitted in their annual compliance reports to the Atlantic States Fishery Commission (ASMFC) (Appendix 4 for 2021 is the latest report). Several of the spawning surveys were only recently initiated (Bass River, Long Beach, and Chatham (not on map), but others have a much longer trajectory.

Overall, the spawning survey indices are very low, with many sites reporting averages of just fractions of a female horseshoe crab in each surveyed quadrant (Appendix 5). The sites that have higher spawning indices are areas that have either been closed to take (Priscilla's Landing in Nauset Estuary) or in the biomedical-only area of Pleasant Bay (Marsh 2-3). It is notable that Great Island, in the Cape Cod National Seashore, is also closed to take but spawning indices remain very low. Most of Great Island, in Wellfleet Harbor, is open to take. Although there is some year-to-year variability, with some sites showing modest increases, there are no significant long-term changes in these spawning indices over the duration of the spawning surveys, even those where lunar closures were put in place over a decade ago.

Trawl Surveys

The DMF has conducted bottom trawl surveys since 1978. These surveys are not specifically designed for horseshoe crabs but have captured horseshoe crab data offshore. Trawl surveys are conducted in spring and fall of most years. The methodology for the trawl surveys is described in the ASMFC report 2021 (Appendix 4) and the locations are depicted in the map below, which is also found in the ASMFC Report 2021. Data for the Gulf of Maine include Cape Cod Bay, while the rest of the state is considered as Southern New England.



Map of regions for DMF's bottom trawl survey. For the attached report, regions 1–3 are considered Southern New England (SNE) and regions 4–5 are Gulf of Maine (GOM).

The results of the trawl surveys are depicted in the ASMFC report (Appendix 4) and are summarized as follows:

"Horseshoe crab survey results from the 2021 DMF spring and fall trawl surveys were mixed (Figure 2 through Figure 5). South of Cape Cod, mean number and weight of spring caught males and females in SNE (Figure 2 and Figure 3) remain near their respective time series highs, but at or below time series medians in the fall. North of Cape Cod, 2021 mean number and weight data points were at or below their time series medians during the spring and fall surveys. Size distribution data are given in Figure 6 through Figure 13. Crabs south of Cape Cod are usually larger (and more numerous) than crabs north of Cape Cod."

The population data for Massachusetts horseshoe crabs described above may be interpreted in several ways. As a response to the perceived substantial decreases in the number of horseshoe crabs observed by the public and by shellfish aquaculturists, in 2012 the Town of Wellfleet Shellfish Advisory Board and Select Board jointly petitioned the DMF for a moratorium on the take of horseshoe crabs in Wellfleet Harbor. In response, Paul Diodoti, then Director of DMF, denied the petition, writing: "I have substantial concerns regarding the consistency with which population data is collected as well as the variability of the spawning survey indices." In essence, Diodoti acknowledged that their data was flawed. Furthermore, the public has no data from the biomedical industry.

Due to the scarcity of horseshoe crabs, it is difficult to achieve statistical significance in spawning survey trends, while the trawl surveys collect horseshoe crabs as bycatch and are not optimized for a horseshoe crab population study.

Horseshoe crabs as essential parts of coastal ecosystems

Horseshoe crabs are, or were, what scientists call a “dominant” species in coastal ecosystems, with many animals dependent upon them. In “superabundance,” they support a rich web of life. Long before they are in danger of extinction, their loss reverberates through coastal food webs. When their numbers are diminished, other threatened or endangered species are deprived of essential food. The horseshoe crab, scientists are now beginning to realize, is “in need of conservation, not to prevent extirpation, but to increase population density to restore its dominant status.” (Mattei et al., 2022).

Loggerhead Sea Turtles (*Caretta caretta*)

Loggerhead sea turtles are threatened in Massachusetts. <https://www.mass.gov/doc/loggerhead-sea-turtle/download>. Horseshoe crabs were once the primary prey of loggerheads, more than 40% of their diet (Seney and Musick 2007). Loggerheads, once rare north of Cape Hatteras, have been moving north, into Chesapeake Bay, Long Island Sound, Narragansett Bay, and into waters off Cape Cod. When horseshoe crabs were abundant, the turtles came into the mouths of estuaries to feed upon them. (Keinath, p152, in Shuster, Barlow and Brockman, 2003). When the horseshoe crab population plummeted, loggerheads were forced to eat bycatch from fin fisheries. (Seney and Musick, 2007).

American Eel (*Anguilla rostrata*)

The American eel is listed as endangered on the IUCN Red List, “depleted with the stock being at or near historically low levels.” <https://www.iucnredlist.org/species/191108/121739077#population>. The Atlantic States Marine Fisheries Commission finds that the American eel continues “to remain depleted.” The causes are many and include many food web alterations.” <http://www.asmfc.org/species/american-eel>. Horseshoe crab eggs are, or were, food for eels between May and August. When both were abundant, eels could be seen eating horseshoe crab eggs as they were laid (Botton and Schuster, 2003).

Roseate Tern (*Sterna dougallii*)

The roseate tern is endangered in Massachusetts. <https://www.mass.gov/doc/roseate-tern/download>. It feeds on a variety of fish, including Atlantic silversides, which in turn feed on horseshoe crab eggs.

Fish

Horseshoe crab eggs and larvae are food for forage fish, killifish, and Atlantic silversides, that in turn feed larger perch, weakfish, northern kingfish, puffers, summer and winter flounder, and striped bass. When they are available, larger fish will eat entire eggs masses of horseshoe crabs (Botton and Shuster, 2003). These fish occur in the waters of Massachusetts (Eastern MA National Wildlife Refuge Complex, 2002). Killifish, puffers, and flounder have all been documented feeding on eggs or larvae. Shark eat horseshoe crabs whole. In the 1960s, one writer for *Audubon Magazine* witnessed on a Massachusetts beach, fish nearly strand themselves at the tideline hurtling themselves at freshly laid clusters of horseshoe crab eggs, and half a dozen other fish nuzzling beneath a female horseshoe crab just as she dropped her eggs (Botton and Schuster, 2003).

Other Fauna

Sand shrimp, fiddler crab, and blue crab, all occurring in the waters of Massachusetts, eat horseshoe crabs, horseshoe crab eggs, and/or horseshoe crab larvae. These faunae are important food for shorebirds whose populations are declining.

Shorebirds

At least 10 species of shorebirds are known to rely on horseshoe crab eggs when horseshoe crabs are abundant during their migrations along the Atlantic coast. Species especially dependent on horseshoe crab eggs are red knot, sanderling, semipalmated sandpiper, and ruddy turnstone. Also using horseshoe crab eggs are short-billed dowitchers, and dunlin. Their populations are all dropping (Andrews et al., 2012) for many reasons, including the loss of horseshoe crab eggs, their most nutrient-rich food. A number of these birds migrate through Massachusetts, either in the spring, when they eat horseshoe crab eggs, or in the fall, when they eat eggs and larvae.

Semipalmated Sandpipers and **ruddy turnstones** have a history of eating horseshoe crab eggs in Massachusetts, with the semipalmated sandpipers also heavily dependent on sand shrimp that eat horseshoe crab eggs. Both species have declined so rapidly they scientists find the birds now meet IUCN Red List standards for Vulnerable, semipalmated sandpipers migrating along the northeastern U.S. dropping by 80 percent since 1980 and ruddy turnstones dropping by 85 percent (Smith et al., 2023). A Species of Concern listing can make a difference for these birds. After a 20-year ban on the horseshoe crab take from the Monomoy National Wildlife Refuge, the population began rebuilding there, and in June 2022, a large flock of ruddy turnstones were seen in the refuge eating horseshoe crab eggs. (Manomet, personal communication). However, this hard-won improvement is now again jeopardized by the expansion of a second biomedical company taking horseshoe crabs for bleeding in waters just outside the refuge.

Short-billed dowitchers, whimbrel, and Hudsonian godwit all pause to refuel in Massachusetts on their long migrations, and all now qualify as Endangered by IUCN standards, the short-billed dowitcher population along the northeast U.S. dropping by 90%, whimbrel 86%, Hudsonian godwit by 95% (Smith et al., 2003). Whimbrel eat sand shrimp, fiddler crabs, and other crabs that eat horseshoe crab eggs. When horseshoe crabs were plentiful, short-billed dowitchers were eating their eggs in Massachusetts in July, most likely eggs laid in June (Eastern MA National Wildlife Refuge Complex, 2002; Mallory and Schneider, 1979).

Red knots were listed as threatened under the U.S. Endangered Species Act in 2014, primarily because as so many horseshoe crabs were taken from Delaware Bay, the knots lost the energy-rich eggs they needed to double their weight for the last leg of their journey to the Arctic. These birds are threatened in Massachusetts. In the Five Year Review of the Status of the Red Knot, the U.S. Fish and Wildlife Service found it still “depleted” (Rufa Red Knot Five Year Review, 2021). Unlike Delaware Bay and South Carolina, important foraging areas for red knots migrating north, Massachusetts is in the unique position, if its horseshoe crab population was restored, of providing the birds with rich food both on the north and south bound migrations, when eggs and larvae would still be available. Knots once migrated through Massachusetts in both the spring and the fall (Harrington et al., 2010), with some 25,000 birds passing through Wellfleet Bay. Few horseshoe crabs spawn in Wellfleet Bay now. Massachusetts regulations governing the take of horseshoe crabs have been too weak to enable the crabs to return. As many as 7,000 red knots came through western Cape Cod Bay (Duxbury, Scituate, and Plymouth) in the fall in 1969, but then the numbers dropped, possibly associated with a horseshoe crab

bounty program that removed thousands of horseshoe crabs from Massachusetts beaches every year. It is likely that if horseshoe crabs were restored to abundance in Massachusetts, the knots would return. That knots were in Massachusetts in the 1980s, eating horseshoe crab eggs, is evidenced by two videos taken in the Monomoy National Wildlife Refuge by artist Robert Verity Clem, which show red knot, ruddy turnstones, Hudsonian godwits, and other shorebirds eating horseshoe crab eggs.

A few horseshoe crabs spawning on a beach is not enough to provide food for shorebirds. While the turnstones are capable of digging down to the eggs, if there are enough, the knots and other shorebirds depend on masses of eggs being overturned by waves or by the horseshoe crabs themselves as, crowded on the beach, they crawl over each other and expose some of the eggs. In Delaware Bay, horseshoe crab regulations have not been tight enough to bring back the horseshoe crabs and the density of their eggs has not increased (Smith et al., 2022).

Research in Long Island Sound indicates that horseshoe crab densities are now so low that very few shorebirds are seen eating the eggs (Beekey et al., 2013; Mattei et al., 2022). Horseshoe crabs are no longer fulfilling their ecological function and scientists working in the Sound are calling for a moratorium on the horseshoe crab fishery there (Mattei al., 2022).

In addition to the value of horseshoe crabs in and of themselves, and their essential role in coastal ecosystems, horseshoe crabs also play a critical role in modern medical science. They are the source of LAL (Limulus Amebocyte Lysate), used by the pharmaceutical industry in testing for bacterial endotoxins in injected drugs such as vaccines, intravenous chemotherapies and antibiotics, insulin injections, and implanted medical devices such as heart stents, and hip and knee replacements. Millions of people benefit from the exquisite endotoxin sensitivity of the horseshoe crab today. However, medical science's complete dependence on LAL is coming to an end. The development of a synthetic version already in use by four major pharmaceutical industries inside the U.S., which is now included in the European pharmacopeia for use in Europe, may soon be approved for general use in the U.S (Cramer, 2023).

Worldwide, there are two sources of horseshoe crabs for lysate, the China Sea, and the east coast of the United States. In Asia, where they are killed for food and for their blood, the IUCN classifies the primary horseshoe crab used for blood, *Tachypleus tridentatus*, as endangered, facing extinction from "relentless and unrelenting" threats from humans. China's scientists and drug regulators consider the resource "exhausted," and "on the brink of extinction." Its horseshoe crabs "largely depleted," China is, according to the IUCN, targeting Vietnam, where exporting the crab is illegal, where its numbers have already declined by 50% and its range contracted by 50%. This depletion leaves American horseshoe crabs, themselves already diminished, to fill the rising gap. At the same time the supply of horseshoe crabs is decreasing, the demand for endotoxin tests is rising, fueled by explosive growth in the pharmaceutical industry.

The horseshoe crab take in Massachusetts has a long history. The baseline had already shifted by the time Massachusetts began counting horseshoe crabs.

Bounty program

Sifting through old histories begins to provide an idea of the former abundance of horseshoe crabs. Long before the Atlantic States Marine Fisheries Commission realized that dramatic losses of horseshoe crabs along the eastern seaboard necessitated the implementation of quotas in the horseshoe crab fishery, and long before the Massachusetts whelk fishery (which uses horseshoe crab as bait) was underway, Massachusetts was destroying horseshoe crabs. In the 1960s and 1970s, the Commonwealth subsidized cities and towns offering a bounty on horseshoe crabs, paying fishermen three or four cents a telson in this predator control program designed to

protect soft shell clams for fishermen, a misguided idea, since clams and horseshoe crabs lived on the same areas of seafloor for thousands of years.

The Massachusetts Division of Marine Fisheries estimates that during these years, participating fishermen killed more than half a million horseshoe crabs every year. In 1960, in Chatham alone, fishermen killed 50,000 horseshoe crabs (DMF News Second Quarter 2006). The Chatham shellfish constable reports that “tens of thousands of horseshoe crabs” were removed from its waters during this program. In the 1960s, Duxbury took 14,000, 16,000, and 20,000 from the town’s small beaches (Massachusetts Division of Marine Fisheries 2006 bounty data). A writer for *Audubon* went to the Duxbury dump and found “hundreds of crabs, many on their backs and waving their legs feebly in the sun.” The number of crabs recorded in the bounty program is probably an underestimate. The same writer observed children encouraged to crush, stone, smash, or attempt to spear horseshoe crabs. They did this for fun, not for the bounty (Rood 1967).

Town ordinances

The killing of horseshoe crabs continued after the bounty program ended. Several coastal Massachusetts towns—including Brewster, Chatham, Chilmark, Eastham, and Gayhead—all had ordinances requiring people who found live horseshoe crabs to strand them above the high tide line (Massachusetts Division of Marine Fisheries Service bounty data). It’s entirely possible that the combination of the bounty program and these ordinances caused a depletion serious enough to cause the red knots to abandon Cape Cod Bay.

Spawning beaches

The Massachusetts Division of Marine Fisheries (DMF) identified beaches with high densities of spawning horseshoe crabs in 2007, for example, high levels of spawning on Back River, Duxbury and Bradford Street beaches, along with Ship Yard Lane Beach, in Duxbury. The DMF doesn’t appear to have updated and published this list. Without returning to the Massachusetts spawning and nursery beaches listed in 2007, and surveying them, it’s impossible to determine whether there’s been any significant increase in spawning. Further, many beaches were already depleted by the time this survey was made. The shellfish reports for Duxbury in the 1960s and 1970s mention heavy spawning on the Back River, but also at Cedar Pond, Bluefish River, and Goose Flats (MA DMF News, 2006).

Trends in female/male horseshoe crab ratios a sign of continuing horseshoe crab decline

In one area of Massachusetts, Pleasant Bay, there are data going back before the bounty program and before the dramatic increase in the take of horseshoe crabs for bait in the whelk fishery, beginning in the 1970s, and before the increase in the take of horseshoe crabs for bleeding to make the endotoxin assay *Limulus* amebocyte lysate. This older data provides a context for the status of spawning horseshoe crabs today. We have come to assume, for example, that the larger number of males seen on spawning beaches is normal, when the historical data suggests otherwise.

Before the ratio of spawning male to female horseshoe crabs became high, even the ASMFC agreed that “shifts in the normal 1:1 sex ratio toward less than one female per male becomes an important criterion, pointing specifically to overfishing of females (ASMFC, 1998). In other heavily fished regions, the proportion of males to females on spawning beaches has increased (in Delaware Bay from two females to three females in 1999 to two females to five males in 2017), but the increases in Massachusetts are alarmingly skewed by comparison (ASMFC, 2019). In the 1950s, female to male sex ratios of spawning horseshoe crabs in Pleasant Bay ranged from 1:19 to 1:2.5. In a study carried out 2000 - 2002, the ratio had risen to 1:4.5. Both the biomedical and bait

horseshoe crab fisheries preferentially select females when females are available. In Nauset Estuary, where, in 2000 - 2002, there was no horseshoe crab take, the spawning female to male sex ratio was 1:1.6. In a follow up study, 2006-2008, the spawning sex ratios in Nauset Estuary, which had just opened to a horseshoe crab fishery, were essentially the same, 1: 1.3, while those in Pleasant Bay were becoming highly skewed towards males. On Hog Island, the ratio was 1 female to 3.9- 5.3 males, and on two other sites, it had increased to 1 female to 8.5- 14.0 males with one female to 12 satellite males were occasionally observed, and clusters of up to one female to 30 males were recorded (Mass Audubon data as reported in MA DMF Compliance Report 2009).

In 2000, biomedical fishermen were caught poaching in the Cape Cod National Seashore. The national seashore prohibited them from returning, a federal court backed that decision, and a few years later, Pleasant Bay was open only to the biomedical take. However, these prohibitions were not extensive enough to fully protect Pleasant Bay's horseshoe crabs. The boundaries of the seashore extend only a short distance into the bay, enabling fishermen to take the horseshoe crabs as they enter or leave the seashore's protected waters. The study suggested that tighter regulations might be required to ensure the persistence of horseshoe crabs in Pleasant Bay, yet in 2022, the spawning sex ratio continues to be alarmingly skewed.

To determine whether bleeding was causing a greater mortality than had been currently understood, the MA DMF studied mortality of unbled females vs. those handled and bled by Associates of Cape Cod, the local biomedical company. The results documented a mortality rate of 30%, substantially higher than the 5-15% estimate currently used for management of this fishery (Leschan and Correia, 2010). Yet, the DMF did not take further action to reduce the take of horseshoe crabs. Other studies both confirm the 30 percent mortality rate and suggest that horseshoe crabs, dazed from bleeding, wander aimlessly on the seafloor, unresponsive to the tidal rhythms calling them to spawn (James-Pirri, et al., 2005).

(3) Native Species Status.

"Horseshoe crabs have been crawling ashore in Massachusetts for about 350 million years, and they look the same now as they did when living side-by-side with dinosaurs.

In fact, horseshoe crabs are commonly referred to as "living fossils" because they are one of the most ancient creatures still living today.

The species that currently calls Massachusetts home is *Limulus polyphemus*. Unfortunately, the Commonwealth's population of these incredible marine animals is in decline and facing increasing threats to their survival." Mass Audubon— <https://www.massaudubon.org/our-conservation-work/wildlife-research-conservation/horseshoe-crab-monitoring>.

(4) Habitat in Massachusetts.

Past and Present Population Status and Distribution in Massachusetts

In Massachusetts horseshoe crab populations have historically been distributed along Nantucket Sound, Buzzards Bay, Cape Cod Bay and the Gulf of Maine: the largest assemblages in the south, lesser amounts on the North Shore. Unfortunately, there is no statewide baseline population data for the period prior to the increased exploitation of horseshoe crabs in the 1990s. There is also a lack of reliable, current information about population sizes, spawning stock biomass, recruitment, and actual mortality after bleeding.

A survey of spawning beaches in Massachusetts was completed in 2004 (Appendix 1). It is not clear if there are discrete subpopulations. Some studies of localized embayments have been conducted to establish baseline values. There is evidence that Massachusetts' horseshoe crabs display a degree of site fidelity so they may exist

as subpopulations within specific embayments, but they also appear capable of movement to adjacent embayments (James-Pirri et al., 2005).

Baseline data does exist for the population within Pleasant Bay (Carmichael et al, 2003). A study (James-Pirri et al 2005) in four Massachusetts estuaries (Monomoy Wildlife Refuge, Nauset Estuary, Pleasant Bay, and Cape Cod Bay) indicated that there is site fidelity within embayments. James-Pirri's study also documented male dominant sex ratios (1 female to 5.8 males) in Pleasant Bay, where only biomedical take is permitted.

The larger female crabs are preferred for bleeding and this observation may have an impact on the sex ratios in Pleasant Bay. More recent documentation shows larger ratios than 5.8 males to 1 female: as much as 12:1 and up to 20:1 in some years (Appendix 2, Mark Faherty: Mass Audubon, personal communication). Sex ratios in Massachusetts are the highest of all states surveyed, with most operational sex ratios for the species ranging from nearly 1:1 in Maine to 3.5:1 in Delaware Bay (Mattei et al. 2010). All management decisions about horseshoe crabs are based on two types of population data: spawning beach surveys conducted by volunteers using DMF protocols, and trawl surveys, conducted by DMF.

(5) Federal Endangered Species Act status.

Not listed under the National Endangered Species Act.

(6) Rarity and geographic distribution.

Range-wide Distribution and Debate

Globally there are several horseshoe crab species, only one of which is found in the U.S.

Limulus polyphemus is found along the Atlantic Coast from Maine to Florida, and along the Gulf Coast from Florida to Texas.

The largest concentration found along the Atlantic Coast is in Delaware Bay, but declining numbers throughout their range (due in part to their exploitation for bait and biomedical uses) has led to public debates, legislative battles, and legal challenges related to its management or the lack thereof.

NatureServe State rankings below indicate the varying, general responses of those states:

Maine	SNR	N5 = Nationally Secure SNR = State Not Ranked S2 = Imperiled: At high risk of extirpation in the jurisdiction due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors. S3 = Vulnerable: At moderate risk of extirpation in the jurisdiction due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.
Massachusetts	No data available	
Rhode Island	SNR	
Connecticut	S2S3	
New York	S3	
New Jersey	SNR	
Delaware	SNR	
Maryland	SNR	
South Carolina	SNR	
Florida	S3	

Several State Wildlife Action Plans have classified horseshoe crabs as a Species of Greatest Conservation Need (SGCN).

ME	SGCN Priority 1	https://www.maine.gov/ifw/wildlife/reports/pdfs/SGCN_Reports/SGCN/Horseshoe%20Crab__Limulus%20polyphemus.pdf
NH	SGCN	https://www.wildlife.state.nh.us/wildlife/profiles/wap/marine-horseshoecrab.pdf
RI	SGCN	https://dem.ri.gov/sites/g/files/xkgbur861/files/programs/bnatres/fishwild/swap/sgcnsci.pdf
CT	SGCN	
DE	SGCN Tier 1	Species are in the highest need of conservation action. These include the rarest species in the state, species that are highly globally imperiled, and species with regionally important Delaware populations that are also under high threat from climate change
MD	SGCN	
SC	SGCN	https://www.dnr.sc.gov/swap/index.html

(7) Trends.

The International Union for the Conservation of Nature (IUCN) includes American Horseshoe Crab on their Red List, noting that, “as a result of overharvesting for use as food, bait and biomedical testing, and because of habitat loss, the American horseshoe crab is listed as Vulnerable to extinction.”
<https://www.iucnredlist.org/species/pdf/80159830/attachment>.

When they added *Limulus polyphemus* to their Red List in 2020, the IUCN noted that the “breadth of declines was highest in the New England area and diminished generally from the northern to southeastern areas with indications of negative slopes for Florida Atlantic and Northeast Gulf regions (Table 3 and Figure 4).”

South Carolina’s full ban of their horseshoe crab bait fishery is directly relevant to consideration of the crab’s listing as a species of special concern—and the necessary protections that would follow—in Massachusetts. The legislature of South Carolina banned the horseshoe crab bait fishery in 1989 but took no other actions to protect the species. That gave Charles River Laboratories, now a multi-billion, multinational company and the largest manufacturer of LAL in the United States, a monopoly on horseshoe crabs in that state. Beginning in the 1990s the horseshoe crab bleeding fishery began to steadily expand and today the horseshoe crab population there can no longer support that industry without severely impacting the crab’s viability.

Three trawl surveys, each made in the spring and fall, track horseshoe crab populations in South Carolina. The ASMFC stock assessment threw out some of those surveys because too few horseshoe crabs were caught in the towns to make the data remotely meaningful. The surveys that remained all demonstrated downward trends.

The pressure to provide crabs for the biomedical industry was also seen on the state’s spawning beaches (Hunt, 2022). Charles River Labs was discovered illegally removing horseshoe crabs from the Cape Romain National Wildlife Refuge without a permit. In a span of ten years the beaches on Marsh Island and White Banks within the refuge were virtually emptied of spawning horseshoe crabs. Recently only males have been seen on the beaches in the spring. As a result, a critical stopover for red knots was lost and those birds disappeared from that refuge.

The Turtle Island Wildlife Management Area near the Georgia border was also a critical feeding area for large flocks of red knots every spring. In only a few years, fishermen taking horseshoe crabs to bleed, emptied Turtle Island of horseshoe crabs, and bird populations plummeted as well. The Defenders of Wildlife and the Southern Environmental Law Center successfully sued the U.S. Fish and Wildlife Service to stop the horseshoe crab take in the Refuge and is now suing the state of South Carolina and Charles River Laboratories, asserting that the thousands of horseshoe crabs kept for weeks at a time in holding ponds where they spawn, losing billions of eggs into the water, constitutes a take under the Endangered Species Act, depriving federally listed birds of food they desperately need (Smith et al., 2019).

Further, while lysate manufacturers claim the mortality of bled horseshoe crabs is low (a fisherman asserted at a recent horseshoe crab stakeholders meeting run by the Massachusetts Division of Marine Fisheries that only 1 or 2 percent died in the bleeding process), a study in South Carolina jointly run by the state and the bleeding company found that 20% of bled female horseshoe crabs died in the process.

These experiences have implications for Massachusetts, where the pressure on horseshoe crabs is arguably greater than in South Carolina. South Carolina has no bait industry, while Massachusetts has one of the largest bait fisheries on the eastern seaboard, and now not one, but two biomedical companies are bleeding horseshoe crabs. Many of these horseshoe crabs – the exact number isn't known – are kept in holding pens in the water. These pens are above the seafloor, so the horseshoe crabs are not eating, and as in South Carolina, while the crabs are in the pens, they are not spawning on the beaches where they can sustain or rebuild the population.

Experience in states other than South Carolina is instructive as well.

Delaware Bay (Delaware and New Jersey) has less biomedical pressure than Massachusetts – one large company, and two small ones – and its bait fishery is much more restrictive than Massachusetts. New Jersey has prohibited a bait fishery since 2008. Delaware's bait fishery is prohibited during the horseshoe crab spawning season, and when the bait fishery is open taking female horseshoe crabs is prohibited. This population was so heavily exploited by 2000 that the U.S. Fish and Wildlife Service listed the Red Knot as threatened under the Endangered Species Act. Despite that listing and the other regulations put in place, the population of crabs only stabilized at its depleted level, and after 20 years has not recovered (ASMFC stocks neutral in Delaware Bay).

Regulations governing the horseshoe crab take in Delaware Bay - a ban on the take of female horseshoe crabs for bait, and a full bait moratorium in New Jersey, millions of dollars' worth of beach renourishment and rebuilding in Virginia have not been sufficient to rebuild the population of horseshoe crabs. The horseshoe crab takes for bait and biomedical is still too high there, as evidenced by the Virginia Tech Horseshoe Crab Trawl Survey, the only dedicated horseshoe crab survey along the entire east coast, and one which measures trends in juvenile, newly mature, and mature horseshoe crabs. This survey, which has run since 2002, shows no statistically significant increase in the population of adult female horseshoe crabs, the population needed to restore this species (Hallerman and Jiao, 2022).

In 2021, the U.S. Fish and Wildlife Service still considered the red knot "depleted," Horseshoe crab egg densities on New Jersey beaches, which need to be at 50,000 per square meter to provide sufficient nourishment for impacted shorebirds, is mired at 5,000 eggs per square meter (Smith et al, 2022).

Connecticut has mismanaged its horseshoe crabs (Beekey and Mattei, 2015) and they have been designated as a species of concern. The Connecticut General Assembly is considering a bill to ban both the bait and biomedical take. Those actions would increase the pressure on MA horseshoe crabs. Seikagaku (Associates of Cape Cod) is already finding it difficult to meet its needs in Massachusetts and is taking horseshoe crabs from Rhode Island and New York.

(8) Threats and vulnerability.

In Massachusetts, horseshoe crabs face many challenges. Historically, they were collected for use as fertilizer and as additives to livestock feed. Aquaculturists have long held the belief that horseshoe crabs are responsible for declining oyster and clam resources, therefore it was their custom to collect them and dispose of them in the local dump or to snap off their telsons so that they couldn't right themselves if overturned in shallow water.

The most serious immediate impact on the species comes from exploitation as the result of commercial taking, which includes egg-bearing females which take 10 years to mature. Compared to the other Atlantic states described above, Massachusetts has the least restrictions on take. There are currently two commercial fisheries in Massachusetts: one for bait take and one for biomedical take of horseshoe crabs in order to extract their blood. It is also more common today to participate in the so-called a "rent-a-crab" approach to taking, wherein horseshoe crabs are bled first, then sold as bait. There are a few site exceptions: all take is prohibited in the Monomoy National Wildlife Refuge and in the Cape Cod National Seashore. In Pleasant Bay, only biomedical take is permitted.

Bait Take

In Massachusetts, horseshoe crabs spawn in the spring, as early as mid-April to the end of June or early July. They are thought to move from offshore locations to low energy, well aerated sandy shores such as beaches and intertidal areas along the coast. They are harvested in both locations; offshore by trawlers and by hand when they arrive on shore to spawn.

Beginning in the 1990s, there was unprecedented demand for both whelks and eels from Asian buyers. Horseshoe crabs are the preferred bait for both whelk and eel fisheries. Localized studies shed some light on the effect of the increased horseshoe crab take pressure that resulted from that new demand. Widener and Barlow (1999) assessed the horseshoe crab population at Mashpee Dike in Bourne from 1984-1999. They documented a precipitous decline of 95% of the spawning population and 80% of the general population. The decline was attributed to a massive increase in hand takes of horseshoe crabs at Mashpee Dike.

In a study of age structure and threats to the population, Grady and Valiela (2006) proposed that horseshoe crab populations were most vulnerable when individuals were taken prior to sexual maturity, and that the population growth rate is most sensitive to the survival of older juveniles: likely the very horseshoe crabs that are collected during offshore bait take.

Biomedical Take

Massachusetts has an area designated for biomedical bleeding only. The bait take was banned in Pleasant Bay in 2006. We are not aware of studies that have tracked the effects of bleeding on mortality of horseshoe crabs in Pleasant Bay, the effects of the biomedical fishery on spawning, or the effects of bleeding on population trends in Pleasant Bay. There are studies, however, that have tracked the ratio of male to female spawning horseshoe crabs in Pleasant Bay (described above and in Appendix 2). The trend is concerning.

Until recently, there was only one biomedical operation in Massachusetts: Associates of Cape Cod in Falmouth. Recently however, the largest biomedical bleeding company in the U.S., Charles River Laboratories, has set up operations in Harwich. Due to confidentiality issues with the industry (the so-called 'Rule of Three'), data for biomedical takes in Massachusetts was unavailable to the public. Just recently however, the DMF released the total number of horseshoe crabs sold to biomedical companies in 2022, allowed now because the data came from three or more harvesters. In a recent memo (McKiernan, 2023) to the Massachusetts Marine Fisheries Advisory, *Proposal to Adjust Commercial Horseshoe Crab Limits for 2023*, the DMF reported that in 2022, the

biomedical horseshoe crab landings in Massachusetts approached 175,000 crabs. The DMF proposes to cap the 2023 biomedical take at 200,000. This is higher than the biomedical take in South Carolina where there is no bait take. The DMF currently allows 165,000 crabs to be taken as bait and will continue to allow bait takes in 2023 of 140,000 crabs.

The regulations for the biomedical fishery require that horseshoe crabs are returned to their site of take after bleeding. However, the mortality of horseshoe crabs after up to 40% of their blood is removed and their subsequent handling and transport, is estimated to be 15-30%. The Massachusetts Division of Marine Fisheries undertook a mortality study – unbled crabs vs. bled crabs from the Associates of Cape Cod and found a 30% mortality rate (MA ASMFC Compliance Report, 2009). Some studies in Massachusetts have also addressed the health and reproductive capabilities of horseshoe crabs after bleeding. For example, Kurz and James-Pirri (2002) observed disorientation after bleeding and posited that this behavior may affect reproductive capability. Anderson et al. (2013) demonstrated effects on movement and activity, as well as decreases in hemocyanin levels in bled crabs. They concluded that sub-lethal effects resulting from extraction of LAL may decrease fitness and reproduction. Using acoustic tags, Owings et al. (2019) found that bled female horseshoe crabs approached mating beaches less frequently than controls with the largest impacts seen 1-2 weeks after bleeding.

Other Threats

Losses of spawning habitat such as coastal wetlands and beaches due to development, construction of revetments and climate change related issues such as sea level rise, are also important factors affecting the vitality of the horseshoe crab population and present unique challenges to coastal zone managers at the municipal, state, and national level.

In 2012, as a response to Massachusetts communities concerned with the observed decrease in horseshoe crabs at known spawning sites, the DMF instituted lunar closures for horseshoe crab takes. The underlying rationale was that horseshoe crabs spawn predominantly during new and full moons, an observation made in Delaware Bay. There is no evidence that this is the case in Massachusetts, and in a study conducted in a neighboring state, New Hampshire (Cheng, 2014), spawning appeared not to be dependent on moon phase, but more so on environmental conditions, such as wind speed, wave action and water temperature.

The Massachusetts lunar closures instituted in 2010 were thought to curtail the numbers of horseshoe crabs collected as bait. Horseshoe crabs take 9-11 years to reach sexual maturity, so the lunar closures were expected to have an impact by 2019-2020. Recent spawning surveys in many Massachusetts locations do not show significant positive effects resulting from this management decision.

As noted earlier, it is difficult to make management decisions about takes without a population baseline or a clear indication of the sustainability of the takes. The collective data depict a population that has **not** recovered after changes in management practices (lunar closures, catch limits, etc.) put in place by the DMF.

After 20 years of regulation, horseshoe crab data in Massachusetts do not indicate that the population is recovering from decades of heavy exploitation. There are no data, or the existing data are not robust. The most recent horseshoe crab stock assessment carried out by the Atlantic States Marine Fisheries Commission repeatedly emphasized the need to track horseshoe crabs not only by sex, but by level of maturity, distinguishing between juvenile, newly mature, and mature female horseshoe crabs. The Massachusetts trawl surveys do not and cannot do this.

The ASMFC has determined that too few horseshoe crabs are caught to make these distinctions meaningful. However, without them, the only way of assessing trends in spawning females is spawning surveys on the beaches. 1) Those surveys did not begin until the population was depleted, so there is no baseline, and 2) the confidence intervals are so close in most of the surveys, that it is impossible to detect any real trends in the

population overall, and 3) there are so few crabs caught in these surveys that according to the ASMFC stock assessment analysis, it's impossible to detect trends in the overall population of female horseshoe crabs, let alone trends in mature females. In summary, there is no indication that the population is rebounding.

Horseshoe crabs are dominant contributors to the health of coastal ecosystems and currently essential for human health until the recombinant LAL substitute comes into wider use. We are concerned that the take of horseshoe crabs not only cannot rebuild the diminished population but may also lead to further declines. Because female horseshoe crabs take at least ten years to mature, their absence on spawning beaches can be a sign that the population is declining. On beaches in South Carolina, horseshoe crabs spawned until there were no more mature females, and then within a couple of years, the beaches were empty. We are concerned that this could happen in Massachusetts and is happening already in Cape Cod Bay.

To prevent a further decline, to restore the population to robustness, and the coastal ecosystem that relies on an abundance of horseshoe crabs, particularly, the shorebirds whose numbers are also currently in serious decline, we request the designation of the American horseshoe crab as a **Species of Special Concern** in Massachusetts.

CONSERVATION GOALS

Removal from the list will be predicated by populations returning to historical densities of spawning horseshoe crabs throughout its range in Massachusetts and the recovery of red knot and other shorebird populations dependent on horseshoe crab.

Management measures required to meet horseshoe crab conservation goals:

- End horseshoe crab bait take
- Reduce horseshoe crab bycatch limit
- Cap biomedical take
- Require biomedical take and mortality data to be transparent and publicly available
- Prohibit biomedical take during spawning season (April through July)
- Prohibit holding pens
- Expand existing protected areas and designate additional, new ones
- Restore horseshoe crab spawning and nursery habitats
- Fund and implement a dedicated horseshoe crab trawl survey
- Implement a monitoring program for the biomedical take that ensures the use of best management practices in the biomedical take
- Expand the horseshoe crab monitoring program
- Conduct research to determine the minimum and optimal densities of horseshoe crab eggs on the beach that can sustain and rebuild those rapidly declining shorebird populations that rely on horseshoe crab eggs, and whose population declines meet the IUCN qualifications for threatened or endangered status
- Raise public awareness of the importance of horseshoe crabs in coastal ecosystems at spawning beaches and nurseries coastwide

LITERATURE CITED

- Anderson, R. L., W. H. Watson III, and C. C. Chabot. (2013) Sublethal behavioral and physiological effects of the biomedical bleeding process on the American horseshoe crab, *Limulus Polyphemus*. Biol. Bull. 225: 137-151.
- Andrews, B.A., P.A. Smith, R.I. Guy Morrison, C.L. Gratto-Trevor, S.C Brown and C. A. Friis. (2012) Population estimates of North American shorebirds, 2012. Wader Study Group Bulletin 119 (3) 178-192.
- ASMFC (1998) Fishery Management Report No. 32 of the Atlantic States Marine Fisheries Commission Interstate Fishery Management Plan for Horseshoe Crab December 1998.
- ASMFC (2019) Horseshoe Crab Benchmark Stock Assessment and Peer Review Report. Reference for Delaware Bay, p. 134 table 35.
- Beekey, M. A., J.H. Mattei and B. J. Pierce (2013). Horseshoe Crab Eggs: A rare resource for predators in Long Island Sound. J. Exp. Mar. Biol. And Ecol. 439:152-159.
- Beekey, M.A. and J. H. Mattei (2015). The Mismanagement of *Limulus polyphemus* in Long Island Sound, U.S.A.: What Are the Characteristics of a Population in Decline? In © Springer International Publishing Switzerland. R.H. Carmichael et al. (eds.), *Changing Global Perspectives on Horseshoe Crab Biology, Conservation and Management*.
- Bicknell et al 2021. Applying Records of Extant and Extinct horseshoe crab abnormalities in Xiphosurid conservation. In J. T. Tanacredi et al. (eds.), *International Horseshoe Crab Conservation and Research Efforts: 2007-2020*, https://doi.org/10.1007/978-3-030-82315-3_7.
- Botton, M. L., and Shuster, C.N. Jr. (2003) Horseshoe Crabs in a Food Web: Who Eats Whom? Pp 133-153, in *The American Horseshoe Crab*, edited by Carl N. Shuster Jr., Robert B. Barlow, and H. Jane Brockmann, Cambridge, Mass.: Harvard University Press.
- Carmichael, R.H, D. Rutecki and I. Valiela. (2003) Abundance and population structure of the Atlantic horseshoe crab, *Limulus polyphemus*, in Pleasant Bay, Cape Cod. Mar. Ecol. Prog. Ser. 246:225-239.
- Cheng, H. (2016) The environmental influences. on American horseshoe crab (*Limulus polyphemus*) behavior and distribution in the Great Bay Estuary, New Hampshire, U.S.A. Master's Thesis, University of New Hampshire.
- Cramer, D. (2023) When Horseshoe Crabs Are Gone, We'll Be in Trouble, *New York Times*. <https://www.nytimes.com/2023/02/16/opinion/drug-safety-horsehoe-crab.html>.
- Eastern Massachusetts National Wildlife Refuge Complex (2002) Compatibility Determination for Harvesting Horseshoe Crabs on the Monomoy National Wildlife Refuge.
- Grady, S.P. and I. Valiela (2006) Stage-structured matrix modeling and suggestions for management of Atlantic horseshoe crab, *Limulus polyphemus* populations on Cape Cod, Estuaries and Coasts. 29(4) 685-698.
- Hallerman, E. and Y. Jaio (2022) Results of the 2021 Horseshoe Crab Trawl Survey: Draft Report to the Atlantic States Marine Fisheries Commission Horseshoe Crab and Delaware Bay Ecology Technical Committees, Virginia Tech.
- Harrington, B.A., N. P. Hill, and B. Nikula, B. (2010). "Changing use of Migration Staging Areas by Red Knots: An Historical Perspective from Massachusetts." *Waterbirds*, 33:2, pp1888-1920.
- Hunt, Christian, J.D. (2022) *A Call for Intervention - The Decline of South Carolina's Horseshoe Crab Population*, The Defenders of Wildlife. <https://defenders.org/sites/default/files/2022-03/A%20Call%20for%20Intervention%20%20The%20Decline%20of%20South%20Carolina%27s%20Horseshoe%20Crab%20Population%20%282022%29.pdf>.

- James-Pirri, M.J., K. Tuxbury, S. Marino and S. Koch (2005) Spawning densities, egg densities, size structure, and movement patterns of spawning horseshoe crabs, *Limulus polyphemus*, within four coastal embayments on Cape Cod, Massachusetts. *Estuaries* 28(2) 296-313.
- Keinath, John A. (2003) Predation of Horseshoe Crabs by Loggerhead Sea Turtles, in Shuster, Carl N., Jr., Robert B. Barlow, and H. Jane Brockmann, eds. *The American Horseshoe Crab*. Cambridge, Mass.: Harvard University Press, p.152.
- Kin A, Błażejowski B (2014) The Horseshoe Crab of the Genus *Limulus*: Living Fossil or Stabilomorph? PLoS ONE 9(10): e108036. <https://doi.org/10.1371/journal.pone.0108036>.
- Kurz, W., and M.J. James-Pirri (2002) The impact of biomedical bleeding on horseshoe crab, *Limulus polyphemus*, movement patterns on Cape Cod, Massachusetts. *Mar. Fresh. Behav. Physiol.* 35(4) 263-268.
- Leschen, A. S., and S. J. Correia (2010) Mortality in Female Horseshoe Crabs (*Limulus polyphemus*) from Biomedical Bleeding and Handling: Implications for Fisheries Management. *Marine and Freshwater Behavior and Physiology* 43 (2):135–47.
- Mallory and Schneider. "Agonistic Behavior in Short-billed Dowitchers Feeding on a Patchy Resource." (1979) *The Wilson Bulletin*. Vol 91:2 pp 271-278.
- MA ASMFC compliance report (2009): Massachusetts Division of Marine Fisheries 2009 Compliance Report to the ASMFC - Horseshoe Crab.
- MA ASMFC Compliance Report (2011) Massachusetts Division of Marine Fisheries 2011 Compliance Report to the ASMFC - Horseshoe Crab.
- Massachusetts Division of Marine Fisheries News, Second Quarter, 2006, Massachusetts Division of Marine Fisheries bounty data.
- Mattei, J. M.A., Beekey, A. Rudman, and A. Woronik (2010) Reproductive behavior in horseshoe crabs: Does density matter? *Current Zool.* 56 (5) 634-642 (2010).
- Mattei, J. H., M.L. Botton, S. Seino, A. Quarto, J. Enright, J. Vanitha, H.C. Chi, L. Tan, J. Cheung and J.T. Tanacredi. (2022) Conservation and Restoration of Estuaries and Coasts: Horseshoe Crabs as Flagship Species. *International Horseshoe Crab Coastal Research Effort 2007-2020*: 135-157
- Mattei, J., E. Kasinak, S. Senbel and K. Batholomew (2022) The Power of Citizen Science: 20 Years of Horseshoe Crab Community Research, Merging Conservation, Education, and Management. J. T. Tanacredi et al. (eds.), *International Horseshoe Crab Conservation and Research Efforts: 2007-2020*. Springer.
- McKiernan, D.J. (2023) The Commonwealth of Massachusetts Division of Marine Fisheries to Marine Fisheries Advisory Commission. Proposal to Adjust Commercial Horseshoe Crab Limits for 2023. Feb. 8, 2023.
- Owings, M., C. Chabot and W. Watson III (2019) Effects of the biomedical bleeding process on the behavior of the American Horseshoe Crab, *Limulus polyphemus*, in its Natural habitat. *Biol. Bull.* 236 (3) 207-223.
- Rood, Ronald. (1967) The Crab that Isn't. *Audubon* May-June 1967. P38-42.)
- Rufa Red Knot Five Year Review (2021): Summary and Evaluation. US Fish and Wildlife Service New Jersey Field Office Calloway, New Jersey. July 2021. https://ecos.fws.gov/docs/tess/species_nonpublish/3624.pdf. J.A.M.
- Seney, Erin E., and John A. Musick (2007) Historical Diet Analysis of Loggerhead Sea Turtles (*Caretta Caretta*) in Virginia. *Copeia* 2:478–89.

Smith, F. M.; Watts, B. D.; Lyons, J.; Keyes, T.; Smith, A.; Sanders, F.; and J. L. Thibault (2019) Investigating Red Knot Migration Ecology along the Georgia and South Carolina Coasts: Spring 2019 Season Summaries CCB Technical Reports. 588. https://scholarworks.wm.edu/ccb_reports/588.

Smith, J.A.M., A. Dey, K. Williams, T. Diehl, S. Feigin and L.J. Niles. (2022) Horseshoe crab egg availability for shorebirds in Delaware Bay: Dramatic reduction after unregulated horseshoe crab harvest and limited recovery after 20 years of management. *Aquatic. Conserv. Mar. and Freshwater Ecoyst.* 32 (12): 1-13.

Smith, P.A., A.C. Smith, B. Andres, C. Francis, B. Harrington, C. Friis, R.I.G. Morrison, J. Paquet, B. Winn and S. Brown (2023) Accelerating declines of North America's shorebirds signal the need for urgent action. *Ornithological Applications*, Feb.8, 2023.

Widener, J.W. and R.B. Barlow (1999) Decline of a horseshoe crab population on Cape Cod. *Biol. Bull.* 197:300-302.

APPENDIX

1) Horseshoe Crab Spawning Beaches and Nurseries Excerpted from the Massachusetts 2009 Compliance Report to the Atlantic States Marine Fisheries Commission – Horseshoe Crab Submitted by: Robert Glenn, Massachusetts Division of Marine Fisheries. (A survey of spawning beaches in Massachusetts was completed in 2004 (Appendix 1)).

2) Annual Horseshoe Crabs Sex Ratios

3) *Horseshoe Crab Spawning Survey Instructions*

4) Massachusetts 2021 Compliance Report to the Atlantic States Marine Fisheries Commission – Horseshoe Crab

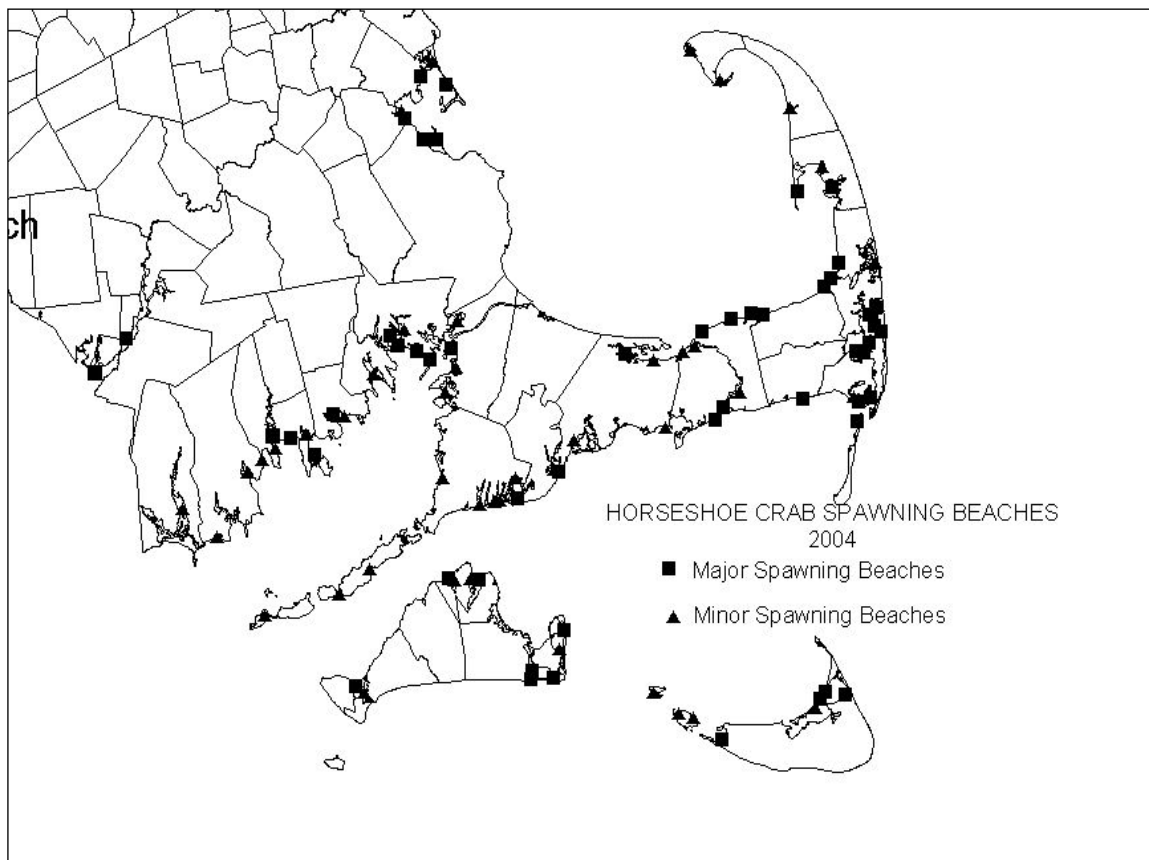
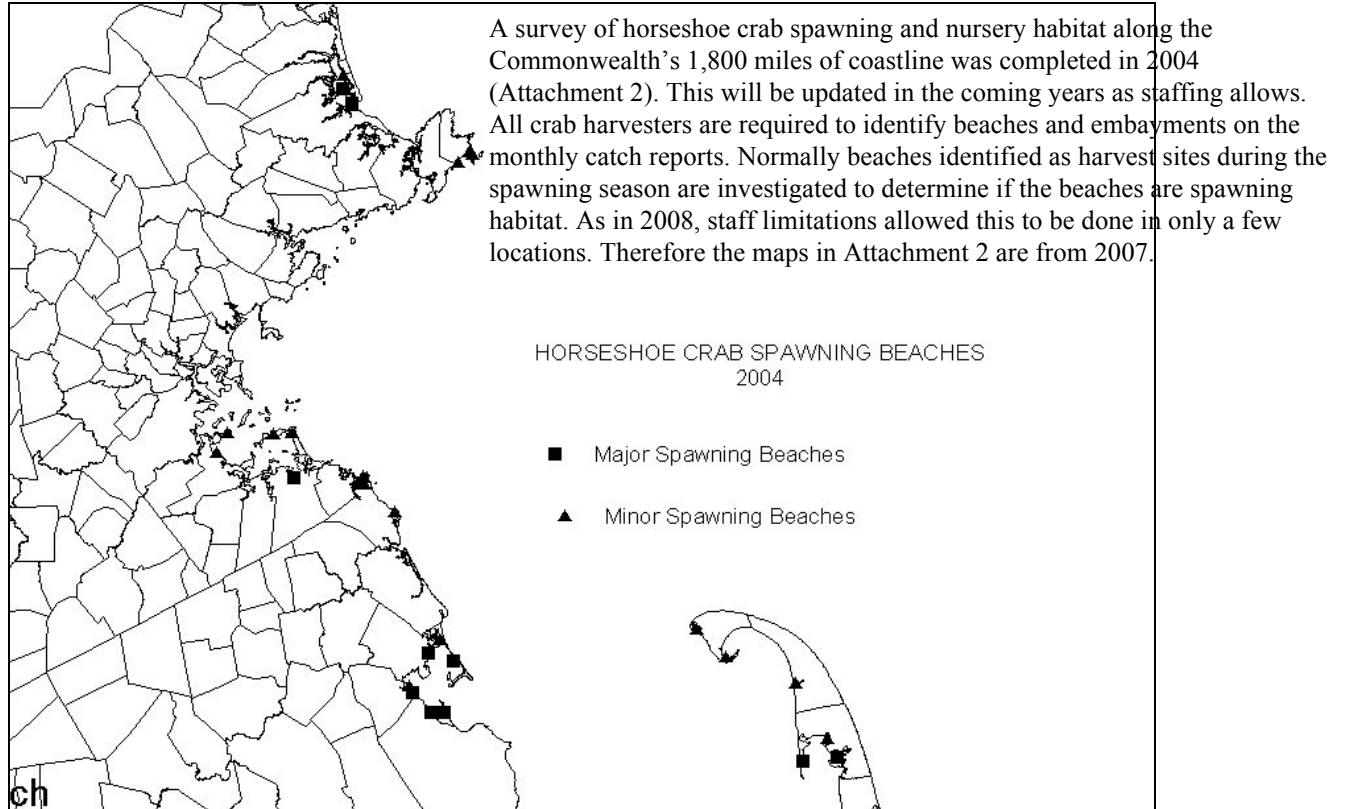
5) Spawning Data 2

6) IUCN Red List - American Horseshoe Crab (*Limulus polyphemus*)

Appendix 1

Horseshoe Crab Spawning Beaches and Nurseries

Excerpted from the Massachusetts 2009 Compliance Report to the Atlantic States Marine Fisheries Commission – Horseshoe Crab
Submitted by: Robert Glenn, Massachusetts Division of Marine Fisheries



HORSESHOE CRAB SPAWNING BEACHES 2007

MOUNT HOPE BAY			
Town	Embayment	Beach	Density
Somerset	Mount Hope Bay	Brayton Pt Beach	High
	Taunton River	Pierce Town Beach	High
Fall River	Taunton River	Ark Bait Cove	High
Swansea	Coles River	Bluffs Beach	High
	Coles River	Ocean Grove	High
	Coles River	Cedar Cove	Moderate
BUZZARDS BAY			
Bourne	Buttermilk Bay	Hideaway Village	Moderate
	Phinney's Harbor	Monument Beach	High
	Phinney's Harbor	Mashnee Dike	High
	Phinney's Harbor	Toby Island	Moderate
	Pocasset Harbor	North Cove	Moderate
	Pocasset Harbor	Tahanto Beach	Moderate
Dartmouth	Allen's Pond	South Beaches	Moderate
	Clarks Cove	Anthony Beach	Moderate
	Apponagansett Bay	Apponagansett Park Beach	Moderate
	Little River	Beach at mouth	Reported
	Slocum River	Demarest Lloyd State Beach	Reported
	Clarks Cove	Jones Beach	Moderate
	Apponagansett Bay	Little Bridge Beach	Reported
Fairhaven	Nasketucket Bay	Deacon's Cove	High
	Nasketucket Bay	Edgewater Ramp Beach	Moderate
	Acushnet River	Fairhaven Common's Beach	High
	NB Outer Harbor	Fort Phoenix Beach	Reported
	Nasketucket Bay	Knomere Beach	Reported
	NB Outer Harbor	Priest Cove, Red Rock Beach	High
	Nasketucket Bay	Raymond Street Beach	Reported
	NB Outer Harbor	Silver Shell Beach	Reported
	Acushnet River	Tin Can Island	High
	Nasketucket Bay	Association Beach	Moderate
Falmouth	Great Sippewisset	Black Beach	Reported
	Buzzards Bay	Old Silver Beach	Reported
Gosnold	Cuttyhunk Pond	Church Beach	Reported
	Pasque Pond	Beach	Reported
	Vineyard Sound*	Tarpaulin Cove	Moderate
Mattapoisett	Aucoot Cove	Hollywood Beach	Moderate
	Mattapoisett Harbor	Neds Point	Reported
	Mattapoisett Harbor	Shining Tides Beach	Moderate
	Buzzards Bay	Point Connett Beach	Reported

Marion	Sippican Harbor	Meadow Island	Moderate
	Sippican Harbor	Ram Island	Reported
	Sippican Harbor	Planting Island	Moderate
	Aucoot Cove	Converse Pt Beach	Reported
New Bedford	Acushnet River	Palmer Cove	High
	NB Outer Harbor	East Beach	Moderate
	NB Outer Harbor	Ebb Tide Beach	Moderate
	NB Outer Harbor	Davy's Locker Beach	Reported
Wareham	Buttermilk Bay	Jefferson Shores	Moderate
	Wareham River	Long Beach	High
	Little Harbor	Little Harbor Beach	High
	Wareham River	Pine Hurst Beach	Reported
	Wareham River	Swifts Beach	High
	Buzzards Bay	Stony Point Dike	Moderate
Westport	Westport Harbor	Cherry & Webb Beach	Moderate
	East Branch	Upper Islands	Reported
	West Branch	Sanford Flat Area	Reported
	Westport Harbor	Boat Ramp Beach	Reported
SOUTH CAPE			
Barnstable	Centerville Harbor	Craigville Beach(5 th Ave)	Reported
	Cotuit Bay	Ropes Beach	Reported
	East Bay	Dawes Beach	Moderate
	Hall Creek	Backside Beach	Reported
	Hyannis Harbor	Kalmus Beach	Reported
	Cotuit Bay	Sampson Island	High
	Cotuit Bay	Pirate Cove	High
Chatham	Nantucket Sound	Cockle Cove Beach	High
	Nantucket Sound	Monomoy Island	High
	Stage Harbor	Harding Beach	High
	Stage Harbor	Morris Island	High
	Oyster Pond	Beaches at mouth	Reported
	Oyster River	Sear's Point Beach	High
Dennis	Bass River	Opposite High Bank	Moderate
	Bass River	Old Field Point	Reported
	Bass River	W. Dennis Beach	High
	Bass River	Georgetown Flats	Reported
Falmouth	Bourne's Pond	Old Mouth	Reported
	Great Pond	Entrance Beaches	Moderate
	Green Pond	Entrance Beaches	Moderate
	Eel River	Washburn Island	Reported
	Waquoit Bay	WBNERR Beach	Reported
Mashpee	Waquoit Bay	Sage Lot Pond	High
	Nantucket Sound	South Cape Beach	Reported
	Popponesset Bay	Popponesset Beach	Reported
	Popponesset Bay	Daniel Island Beach	Reported

	Popponesset Bay	Pirates Cove Landing	Moderate
Yarmouth	Bass River	Wind Mill Beach	Moderate
	Nantucket Sound	Sea Gull Beach	Moderate
	Nantucket Sound	Lighthouse Beach	Moderate
	Parker River/ Lewis Pond	Landing Beach	Reported
MARTHA'S VINEYARD			
Aquinnah	Menemsha Pond	Red Beach	High
Chilmark	Menemsha Pond	Landing	Moderate
Edgartown	Cape Poge Bay	Simon Point	Moderate
	Katama Bay	SE Corner	High
	Katama Bay	South Side	High
	Salt Pond	Fuller Street Beach	Reported
Oak Bluffs	Lagoon Pond	Worcester St.	Reported
	Vineyard Haven	Eastville Point	Moderate
Tisbury	Lake Tashmoo	Flats at mouth	High
	Lagoon Pond	Cedar Neck	Reported
NANTUCKET			
Nantucket	Madaket Harbor	Hither Creek	Moderate
	Muskeget Island	Coves	Reported
	Nantucket Harbor	Backside Outer Beach	Reported
	Nantucket Harbor	Pocomo Point Beach	High
	Tuckernut Island	Coves	Reported
OUTER CAPE			
Chatham	Bassing Harbor	Fox Hill	Moderate
	Crows Pond	Nickerson Neck	Moderate
	Chatham Harbor	North Beach	Reported
	Chatham Harbor	Outermost Marine Cove	High
	Pleasant Bay	Muddy Creek Landing	Reported
	Chatham Harbor	South Beach	Reported
	Pleasant Bay	Strong Island, East Side & Creeks	High
	Pleasant Bay	Ryders Cove	Reported
Eastham	Nauset Harbor	Stony Island	Reported
	Nauset Harbor	Outer Beach	Reported
Harwich	Round Cove	Landing	Reported
Orleans	The River	Barley Neck	High
	Little Pleasant Bay	Hog Island	High
	Little Pleasant Bay	Jack Knife Cove	High
	Kesczyogansett Pond	Town Landing	Moderate
	Town Cove	YC Landing	Moderate
	Little Pleasant Bay	National Seashore	High
	Little Pleasant Bay	Pochet Island	High
	Little Pleasant Bay	Sampson Island	High
	Little Pleasant Bay	Old Field Point	Reported
	Pleasant Bay	Strong Island	High

Cape Cod Bay			
Barnstable	Barnstable Harbor	Scudder Lane	High
	Barnstable Harbor	Sand Island	High
	Barnstable Harbor	The Cove	Reported
	Barnstable Harbor	Calves Pasture Point	High
	Barnstable Harbor	Bone Hill	Reported
	Barnstable Harbor	Eastern end	High
	Barnstable Harbor	Salten Point	High
Brewster	Cape Cod Bay	Brewster Flats	High
	Cape Cod Bay	Ellis Landing	High
	Cape Cod Bay	Namskaket Creek	High
	Cape Cod Bay	Paine's Creek	Moderate
Dennis	Cape Cod Bay	Chapin Beach	High
	Cape Cod Bay	Corporation Beach	High
	Cape Cod Bay	Cold Storage Beach	Moderate
	Cape Cod Bay	Quivett Creek	Moderate
	Cape Cod Bay	Chase Garden Creek	Reported
Duxbury	Duxbury Bay	Back River	High
	Duxbury Bay	Duxbury Beach	High
	Duxbury Bay	Ship Yard Lane	High
	Duxbury Bay	Bradford Street	High
Eastham	Cape Cod Bay	First Encounter	High
	Cape Cod Bay	Sunken Meadow	High
	Cape Cod Bay	Boat Meadow Sand Spit	Reported
Kingston	Kingston Bay	Gray's Beach	Reported
	Kingston Bay	Rocky Nook Association Beach	Reported
Orleans	Cape Cod Bay	Rock Harbor Beach	Moderate
	Cape Cod Bay	Skaket Beach	Reported
Plymouth	Plymouth Harbor	Plymouth Beach	High
	Duxbury Bay	Saquish Cove	Reported
	Plymouth Harbor	Steven's Field	High
Provincetown	Hatches Harbor	Entrance Beach	Reported
	Inner Harbor	Wood's End	Moderate
Truro	Pamet Harbor	Harbor Bar	Reported
	Pamet Harbor	Landing Beach	Reported
	Cape Cod Bay	Corn Hill Beach	Reported
Wellfleet	Wellfleet Harbor	Chipman Cove	High
	Wellfleet Harbor	Great Island	Moderate
	Wellfleet Harbor	Mayo Beach	Reported
	Wellfleet Harbor	WBWS	High
	Wellfleet Harbor	Indian Neck	Moderate
Yarmouth	Cape Cod Bay	Bass Creek	Moderate
	Chase Garden Creek	Gray's Beach	Moderate
MASSACHUSETTS BAY			
Cohasset	Cohasset Harbor	Bassing Harbor Beach	Moderate

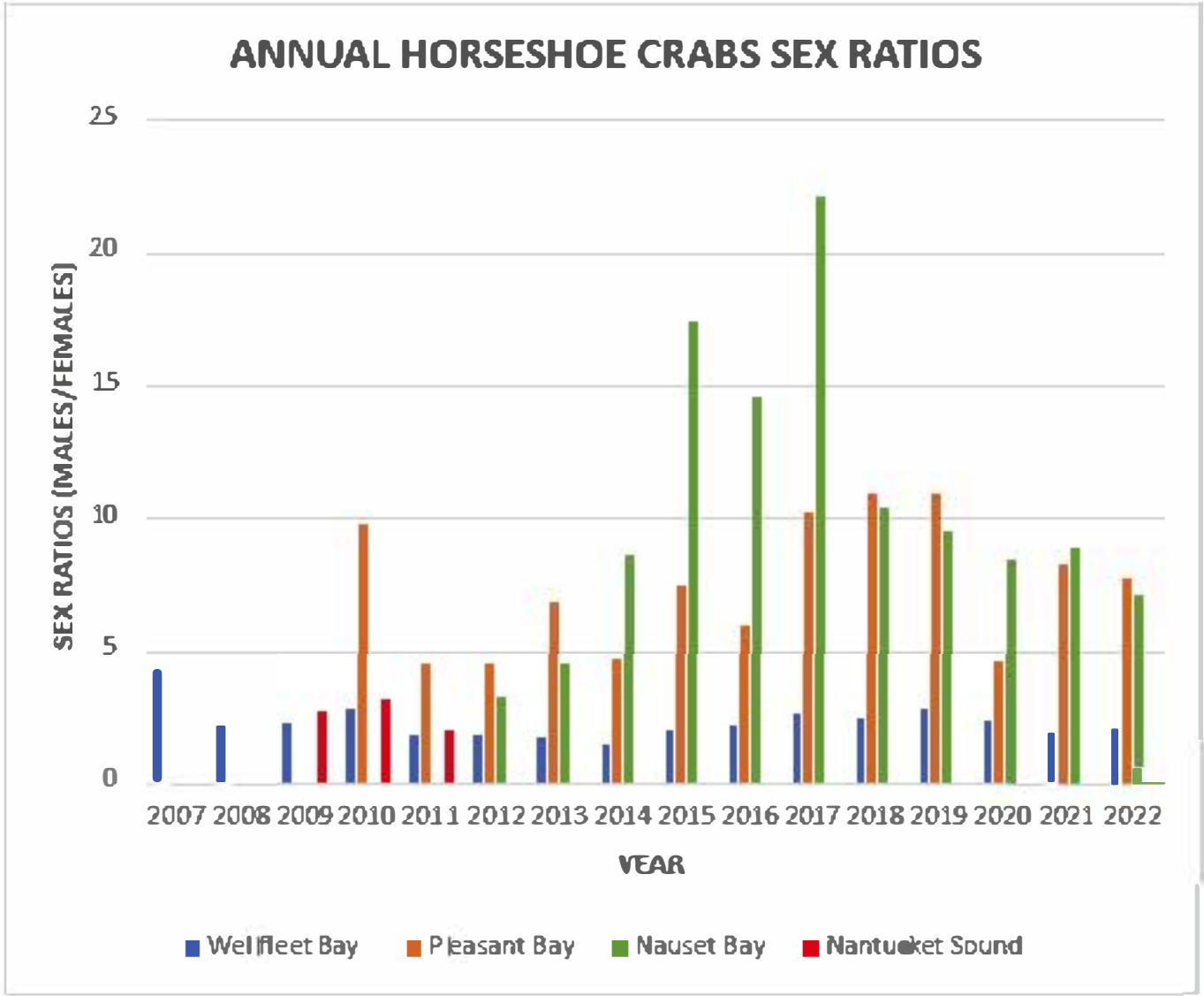
	Cohasset Harbor	Briggs Cove	Reported
Hingham	Hingham Harbor	Hingham Beach	Reported
Hull	Hull Bay	Pt Allerton Beach	Reported
	Hull Bay	Windmill Pt Beach	Reported
Scituate	Scituate Harbor	Jericho Landing Beach	Reported
NORTH SHORE			
Ipswich	Ipswich Bay	Cranes Beach	Reported
Newbury	Plum Island Sd.	Parker River Refuge	High
Quincy	Quincy Bay	Wollaston Beach	Reported
Rockport	Sandy Bay	Old Garden Beach	Moderate
		Back Beach	Reported
		Front Beach	Reported

HORSESHOE CRAB NURSERY AREAS 2007

MOUNT HOPE BAY		
TOWN	EMBAYMENT	DENSITY
Somerset	Mount Hope Bay	High
	Taunton River	High
Swansea	Mount Hope Bay	High
	Coles River	High
BUZZARDS BAY		
Bourne	Buttermilk Bay	High
	Phinney's Harbor	High
Fairhaven	Nasketucket Bay	High
	Outer Harbor	Moderate
Mattapoisett	Mattapoisett Harbor	Reported
New Bedford	Outer Harbor	Moderate
Wareham	Buttermilk Bay	Reported
	Outer Wareham River	Moderate
Westport	Westport Rivers	Reported
SOUTH CAPE		
Barnstable	Lewis Bay	Reported
	Cotuit Bay	Moderate
Chatham	Cockle Cove Beach	High
	Stage Harbor	High
	Monomoy Island	High
Dennis	Bass River	High
Falmouth	Waquoit Bay	Reported
Mashpee	Waquoit Bay (Sage Lot Pond)	High
	Popponesset Bay	Moderate
Yarmouth	Bass River	High

MARTHA'S VINEYARD		
Aquinnah	Menemsha Pond	Moderate
Chilmark	Menemsha Pond	Moderate
Edgartown	Cape Poge Bay	Moderate
	Katama Bay	High
Oak Bluffs	Lagoon Pond	Reported
	Vineyard Haven Harbor	Reported
Tisbury	Lake Tashmoo	Moderate
NANTUCKET		
Nantucket	Madaket Harbor	Reported
	Muskeget Island	Reported
	Nantucket Harbor	High
	Tuckernuck Island	Reported
OUTER CAPE		
Chatham	Bassing Harbor	Reported
	Chatham Harbor	High
	Crowes Pond	Reported
	Pleasant Bay	High
Eastham	Nauset Marshes	Moderate
Harwich	Pleasant Bay	High
Orleans	Little Pleasant Bay	High
	Pleasant Bay	High
CAPE COD BAY		
Barnstable	Barnstable Harbor	High
Brewster	Brewster Flats	High
Dennis	Dennis Flats	High
Duxbury	Duxbury Bay	High
	Back River Marsh	High
Eastham	Eastham Flats	High
Kingston	Kingston Bay	Moderate
Orleans	Orleans Flats	High
Plymouth	Plymouth Harbor	High
Provincetown	Hatches Harbor	Reported
Truro	Pamet Harbor	Reported
Wellfleet	Wellfleet Harbor	High
Yarmouth	Yarmouth Flats	High
	Chase Garden Creek	Reported
MASSACHUSETTS BAY		
Cohasset	Cohasset Harbor	Reported
Hull	Hull Bay	Reported
Scituate	Scituate Harbor	Reported
NORTH SHORE		
Ipswich	Plum Island Sound	High
Newbury	Plum Island Sound	High

Appendix 2



Appendix 3

Horseshoe Crab Spawning Survey Instructions

CONTENTS:

1. Instruction sheet and pacing estimation calculation
2. Random Numbers Table
3. Table of dates and times of surveys (to be included a later date)
4. Copy of Spawning Survey Data Sheet

Supplies for each site:

5 m² quadrat
thermometer
pens/pencils
datasheets and clipboard
flashlights
hip or knee boots

PREPARATION FOR THE SURVEY:

Determine your pace

Follow the instructions before your first assigned time to survey and preferably on a beach since pace length is affected by the surface you are walking on. This should take 15-20 minutes to complete.

*Note: Each person has to determine their pace **ONCE** for the whole season.*

*Note: All measurements are **metric***

1. Lay out the 20 **meter** measuring tape straight on the beach.
2. Count the number of paces it takes you to walk the length of the string using your normal stride. Remember that a pace is two steps. Enter this number in the space next to TRIAL 1 on the Pacing Trial Form.
3. Repeat this process twice more. Enter the second number next to TRIAL 2 and the third number next to TRIAL 3.
4. These three numbers are A, B, and C on the Pacing Trial Form. Add A, B, and C, and divide this number by three to find D, your average number of paces per 20 meters.
5. Divide D by 20 to find your average number of paces per meter (E).

NAME: _____

NUMBER OF PACES IT TAKES TO WALK 20 METERS OR APPROXIMATELY 66 FEET:

TRIAL 1 = _____ (A)

TRIAL 2 = _____ (B)

TRIAL 3 = _____ (C)

AVERAGE PACES PER 20 METERS:

TOTAL (A+B+C) = _____ / 3 = _____ (D) PACES PER 20 METERS

NUMBER OF PACES PER METER:

(D) _____ / 20 = _____ (E) PACES PER METER

Note: The average number of paces per meter is probably different for each person, because it depends on your stride length. It is important that you do this yourself and know these numbers before you arrive at the beach.

Clothing and accessories

- Wear appropriate clothing for weather and wet conditions at the water's edge. Consider using sunscreen during the day. *If thunderstorms are present do not go onto the beach.*
- For night surveys bring a headlamp or a flashlight. Headlamps are most useful because they free up both hands.
- Bring a clipboard or hard surface to write on. Also, bring a few pencils and pens.
- Shoes are a necessity. We recommend boots, water shoes or old sneakers. *Do not go barefoot.*
- An accurate wristwatch is needed for recording arrival time, as well as start and stop times of the survey.

SURVEY PROTOCOL:

Surveys should be conducted within 2 days of the FULL or NEW moon. This gives a 5-day (2 days prior, the day of, and 2 days after the moon) window to complete the surveys for each moon period. It is desirable to survey each location 2 to 3 times during each moon, preferably both day AND night (4 to 6 surveys) surveys at each location). Priority for surveys should be given to those dates closer to or on the full or new moon. The minimum number of surveys for a location and moon is 1 DAY and 1 NIGHT survey. If it is logistically impossible to conduct night surveys (for example, access to Marsh 2-3 or Hog Island) that the minimum is 2 DAY surveys per moon.

It is preferred that all surveys take place on the SAME day or night.

Setup

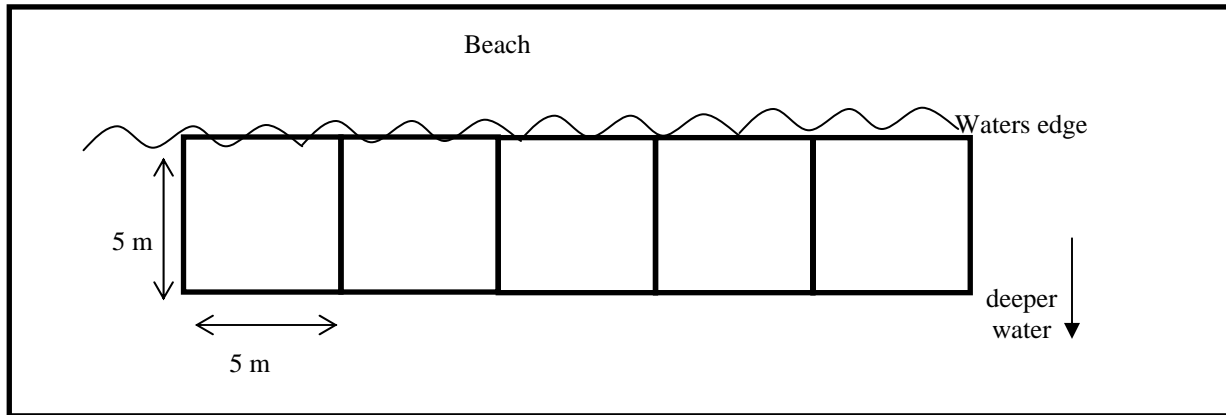
- Arrive at the beach at least 30 minutes before high tide. Record the time you arrive in the space marked ARRIVAL AT SITE on the Beach Site Sheet.
- Fill out the Survey Data sheet as completely as possible. The thermometers are used for both air and water temperature. Even if the weather prevents you from doing the survey, please fill out the survey sheet with all possible information and explain why the survey could not be completed.
- To survey the horseshoe crabs, you will start at one end of a section of beach, walk to the other end, and along the way place quadrats to count horseshoe crabs.
- Flip a coin to decide which end of the beach section you will start: if heads, start at the south or west end of the beach, depending on the orientation of the beach; if tails, start at the north or east end of the beach. Fill that information out on the SURVEY START POINT line of the Beach Site Sheet.
- Go to the end of the survey beach to begin depending on the results of the coin toss. This site will be either marked by a pole or described to the team members before the surveys. Specific instructions will be provided for each particular beach.
- As you walk to the starting location, find a stick (or use a flag stick) that you can use to determine high tide. When you get to the starting location, push the stick into the sand at the tide line. The tide line is the highest point on the beach that the water reaches. Move the stick up the beach as the water reaches higher on the beach. Begin the survey when the tide begins to recede and the water no longer reaches the stick. Record your starting time on the Beach Site Sheet where it says START OF SURVEY.

Beaches Less than 100m in Length

(This can also be done for beaches up to 200m in length)

Survey Protocol #1: Strip Transects with 5m blocks specific to Cape Cod (modified from Delaware Bay protocol)

- You will be surveying in groups with usually 3 people. A survey protocol diagram (below) illustrates the placement of quadrats. You will be recording the number of horseshoe crabs within EACH 5m quadrat or block of beach. It is important to record each block so the distribution of the crabs on the beach can be known.



- 1) **Flip a coin** to decide which end of the designated beach length to start sampling.
- 2) **Choose 1 random number between 0 and 10 from the random number table.** This number is the random start point (in meters) where the **1st quadrat begins** within the first 10 meters of beach. Pace to the location of the 1st quadrat (calculating the paces you take by multiplying your paces per meter by the random number chosen). All remain quadrats immediately adjacent to each other. *We are only choosing 1 random starting location.*
- 3) Begin sampling just as the water begins to recede from peak high tide – use a stick to determine this time.
- 4) The quadrat size is 5 x 5 meters in area. The **first quadrat begins at the toe of your last step.** You place one of the end stakes in the sand at the water line (high tide line for the first quadrat). One person then walks out into the water perpendicular to the shore line 5 meters and places the middle stake in the sand. He or she then walks parallel with the shoreline to place the third stake in the sand (*making sure to form a 90 degree angle as best as possible*). This forms half of the square where the horseshoe crabs will be sampled. Follow the last stake back to the shoreline to imagine where the square ends. The third person or recorder will stand where a fourth stake would be in order to visualize a complete square. Mark the spot in the sand where the fourth stake would go with your foot.

- 5) One person is recording the information on the survey sheet, one is in the quadrat counting crabs, the third person (if available) is assisting with male/female identification, the placement of stakes, and is standing at the position of where the fourth stake would be at the water's edge.
- 6) First count the number of males then the number of females in the quadrat.
- 7) For every quadrat count the number of **single** horseshoe crabs (single individuals), the number of **doubles or pairs** (ONE female with ONE male clasped on), and the number of **satellites** (males surrounding females which are not attached to her but trying to dislodge the clasped male).
- 8) Record all data on the Tally Sheet specific for your beach. Be sure to record the number of crabs in EACH quadrat or 5m block. If there are no crabs in the quadrat record a zero (0).
- 9) Once you are done with the count at a given quadrat, pull up the stakes and mark out the next adjacent quadrat. **The edge of the quadrat closest to land will line up with the receding water's edge as you work down to the other end of the site.** Repeat the quadrat setup and record the counts. Continue until you have sampled the entire beach section.
- 10) Fill out the Beach Site Sheet as appropriate.

Counting Horseshoe Crabs

- Once the quadrat is in place try not to move it again until you are done counting.
- You will count all the horseshoe crabs 'in the quadrat'. A horseshoe crab is considered 'in the quadrat' if **more than half of its body is inside the quadrat.**
- When there are numerous animals, you may have to lift some up to assure you've counted all of those underneath. Heavy work gloves are useful for this. Try to minimize disturbance to the spawning horseshoe crabs. Spawning females will be partially buried in the sand while laying eggs. ***DO NOT LIFT UP A PARTIALLY BURIED HORSESHOE CRAB.***
- Count the animals of each sex separately. If a horseshoe crab is not buried, the two most common ways to determine its sex are its size and position. Males are, for the most part, smaller and 'clasped' or crowding on top of females. There also tends to be more males than females.
- Report your count of pairs, satellites, and singles and tally by total number of males & females to the recorder who will record the information for each quadrat (see data sheet). If the recorder is working with another observer, keep the tally in your head until the recorder can record quadrat counts for you. Don't pick up the quadrat and move to the next quadrat location until you know the recorder has recorded all the information for your present quadrat.
- If there are horseshoe crabs outside the quadrats keep a tally of the total number that are observed outside, place this number on the TOTAL # CRABS OUTSIDE space. This means all crabs that you can see, regardless how deep the water. Try to record the number of crabs by pairs, satellites, and singles. This information is used to estimate population size on the spawning beach.
- If you see a horseshoe crab with a tag, record the tag number and color of the tag. Tags are attached to the right rear point (although some animals were tagged on the left point). Record the tag numbers in the TAG #'S OF TAGGED CRABS space. DO NOT remove the TAG.

- Report zero (0) when there are no horseshoe crabs within the quadrat. Do not move the quadrat from the preselected quadrat location to include nearby animals. Empty quadrats are just as important as those with horseshoe crabs because they will help reflect changes in the population.

Once you are done surveying

- Record the time in the space marked END OF SURVEY on the Beach Site Sheet.
Return all of the original data sheets to your survey coordinator:

Massachusetts Audubon: _____

Massachusetts Department of Marine Fisheries _____

US Fish & Wildlife Service: _____

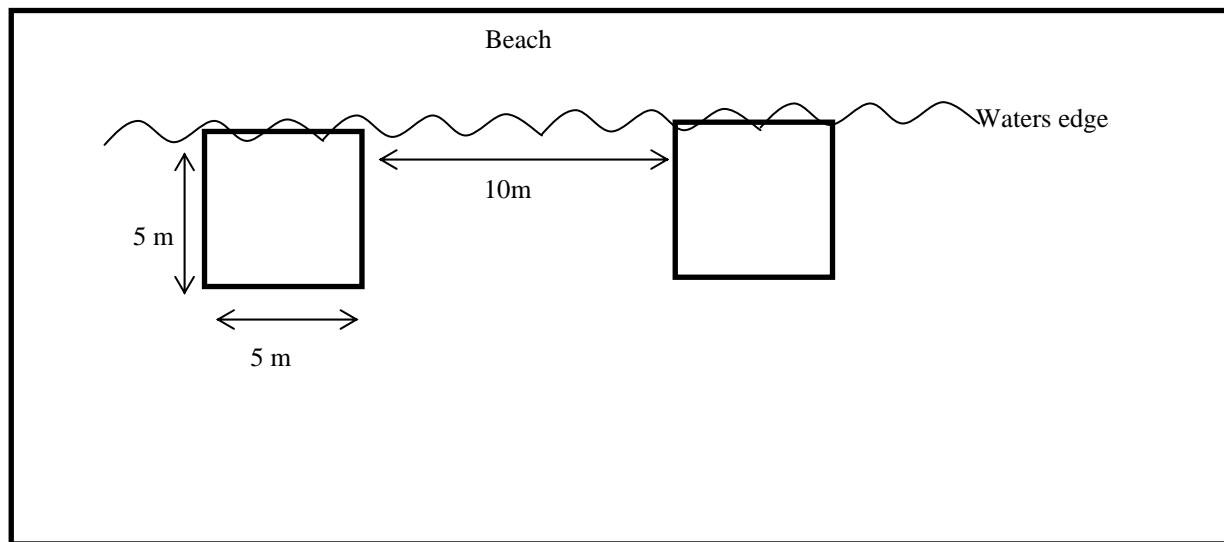
University of Rhode Island: _____

Other _____

Beaches Greater than 100m to 200m in Length

Survey Protocol #2: Placing the Quadrats with 10m intervals – specific to Cape Cod (modified from Delaware Bay protocol)

- You will be surveying in groups with usually 3 people. A survey protocol diagram (below) illustrates the placement of quadrats.



- 1) **Flip a coin** to decide which end of the designated beach length to start sampling.
- 2) **Choose 1 random number between 0 and 10 from the random number table.** This number is the random start point (in meters) where the 1st quadrat begins within the first 10 meters of beach. Pace to the location of the 1st quadrat (calculating the paces you take by multiplying your paces per meter by the random number chosen). All remain quadrats will be placed 10 meters apart. *We are only choosing 1 random starting location.*
- 3) Begin sampling just as the water begins to recede from peak high tide – use a stick to determine this time.
- 4) The quadrat size is 5 x 5 meters in area. The **first quadrat begins at the toe of your last step.** You place one of the end stakes in the sand at the water line (high tide line for the first quadrat). One person then walks out into the water perpendicular to the shore line 5 meters and places the middle stake in the sand. He or she then walks parallel with the shoreline to place the third stake in the sand (*making sure to form a 90 degree angle as best as possible*). This forms half of the square where the horseshoe crabs will be sampled. Follow the last stake back to the shoreline to imagine where the square ends. The third person or recorder will stand where a fourth stake would be in order to visualize a complete square. Mark the spot in the sand where the fourth stake would go with your foot.
- 5) One person is recording, one is in the quadrat counting, the third person is assisting with male/female identification, the placement of stakes, and is standing at the position of where the fourth stake would be at the water's edge.

- 6) First count the number of males then the number of females in the quadrat.
- 7) For every quadrat count the number of **single** horseshoe crabs (single individuals), the number of **doubles** (a female with a male clasped on), and the number of **satellites** (males surrounding females which are not attached to her but trying to dislodge the clasped male).
- 8) Record all data on the Tally Sheet specific for your beach.
- 9) Once you are done with the count at a given quadrat, pull up the stakes and stretch out the three stakes to form a 10 m length line to measure the distance to where the next quadrat starts. Measure the 10 m beginning at the spot marked in the sand where the fourth stake would have been. **The edge of the quadrat closest to land will line up with the receding water's edge as you work down to the other end of the site.** Repeat the quadrat setup and record the counts. Continue with 10 meters between quadrats and do as many as are specified for your particular site.
- 10) Fill out the Beach Site Sheet as appropriate.

Confidential Data Has Been Removed from This Report

**Massachusetts
Division of Marine Fisheries**



**Massachusetts 2021 Compliance Report to the
Atlantic States Marine Fisheries Commission –
Horseshoe Crab**

Submitted by:
Derek Perry, Marine Fisheries Biologist
Massachusetts Division of Marine Fisheries
South Shore Field Station
836 South Rodney French Boulevard
New Bedford, MA 02744

Confidential Data Has Been Removed from This Report

I. Introduction

Massachusetts Division of Marine Fisheries (DMF) staff and numerous volunteer groups conducted spawning beach surveys at 15 beaches during the full and new moons of May and June. April spawning beach surveys were discontinued in 2021 because observations of April spawning activity have been low since the survey expanded in 2013 to include the second half of April. Prosomal widths were taken from 1,815 bait crabs and 904 biomedical crabs as part of our market sampling program. The bait fishery harvested 95% of the 2021 Massachusetts self-imposed quota. The number of crabs bled for biomedical purposes remains confidential due to the limited number of biomedical facilities in the state (one). A second biomedical firm is expected to open in 2022; Charles River Laboratories plans to open a bleeding facility in Harwich, Massachusetts.

II. Request for *de minimis* status – not applicable

III. Previous calendar year's fishery

a. Bait Harvest

In 2021, 44 of 210 horseshoe crab bait permits issued by DMF were actively fished, representing an increase of five active permits and a decrease of five issued bait permits from 2020. Nine fishermen with Coastal Access Permits also participated in the fishery in 2021. See Table 1 for the associated harvests. Based on dealer data, 47% of the quota issued by ASMFC to Massachusetts (330,377 crabs), and 95% of the more restrictive state quota voluntarily self-imposed by Massachusetts (165,000 crabs) was harvested. Dealers reported purchasing 11,080 more crabs than harvesters reported selling (Table 2). This is attributed to harvester trips where catch was not reported but was reported by the dealer. Bait crabs were harvested primarily by mobile gear (trawl or dredge; 62% of harvest) or by hand (including rakes, dipnets, and hand tongs; 36%), with 2% harvested by other means (gill net, weirs, pots, etc.) (Table 3). Bait crabs harvested in May and June accounted for 48% of all bait crabs landed in 2021 (Table 4).

Table 1. Number of permits issued, number of permits actively fished, and number of crabs fishermen reported harvesting by permit type (data source: Massachusetts Trip Level Reports and NMFS Vessel Trip Reports). Confidential data has been replaced with an asterisk.

Permit Type	# of Permits Issued	# of Permits Fished	# of Crabs Harvested
Biomedical	14	4	*
Commercial	210	44	119,239
Coastal Access	N/A	9	25,694

Confidential Data Has Been Removed from This Report

Table 2. Number of bait crabs reported by bait harvesters (data sources: Massachusetts Trip Level Reports, NMFS Vessel Trip Reports).

	Female	Male	Unclassified	Total
Bait Harvest	29,458	7,433	108,042	144,933

Table 3. Number of bait crabs captured by method, as reported by harvesters (data source: Massachusetts Trip Level Reports and NMFS Vessel Trip Level Reports).

Harvest Method	# of Crabs	# of Total
Hand	52,546	36%
Mobile	89,603	62%
Other	2,784	2%

Table 4. Number of bait crabs harvested by month, as reported by harvesters (data sources: Massachusetts Trip Level Reports and NMFS Vessel Trip Reports). Confidential data has been replaced with an asterisk.

	# of Crabs
JAN	*
FEB	*
MAR	*
APR	1,990
MAY	42,338
JUN	26,948
JUL	18,552
AUG	27,994
SEP	13,684
OCT	4,840
NOV	2,886
DEC	2,508

b. Scientific and Research Harvest

As a condition of permit renewal, researchers that wish to harvest horseshoe crabs in Massachusetts are required to report the number of horseshoe crabs taken for scientific purposes. In 2021, two research organizations applied for scientific permits to collect horseshoe crabs. Under these permits, 15 crabs were collected. Another organization released 46 age-1 crabs collected as eggs in 2020.

Confidential Data Has Been Removed from This Report

c. Biomedical Fishery

In 2021, DMF issued 14 biomedical harvest permits, four of which were actively fished. This represents a decrease of one issued permit and no change to the number of active permits from 2020.

Associates of Cape Cod (ACC) was the only biomedical company producing *Limulus* Amebocyte Lysate (LAL) in Massachusetts in 2021. ACC filed monthly catch reports listing the dealers from whom they purchased crabs, location of harvest, the number and sex of crabs purchased, and the ultimate disposition of the crabs (released or returned to bait market). ACC also reported the number of crabs they rejected or received dead. Per the terms of the Letter of Authorization issued to ACC, they must adhere to the following conditions: keep crabs moist during transport and storage, transport crabs in a temperature-controlled truck with the thermostat set between 50 and 60° F, keep crabs in the laboratory at ≤70° F, and hold crabs in barrels no more than approximately 2/3 full.

Confidential data has been removed from this section.

d. Shorebird monitoring- Not applicable

e. Benthic Sampling

Except for 2020, which was missed due to the Covid-19 pandemic, DMF's Resource Assessment Project has conducted seasonal spring (May) and fall (September) bottom trawl surveys in state waters since 1978. Approximately 100 tows are made during each season in five bio-geographic areas (Figure 1), using a stratified random sampling design, with 22 total strata. The net's design (¾-sized two seam 39' x 51' otter trawl with 3 ½" cookies on a chain sweep, ¼" knotless codend liner) is appropriate for sampling horseshoe crabs; however, the vessel size precludes towing inside most shallow embayments less than approximately 25 feet. For this report, areas 1–3 are considered Southern New England (SNE), and areas 4–5 are the Gulf of Maine (GOM). All data reported are from the survey's two shallowest depth strata (0–30' and 30–60', combined) because nearly all horseshoe crabs caught in this survey since 1978 have come from these two strata.

Horseshoe crab survey results from the 2021 DMF spring and fall trawl surveys were mixed (Figure 2 through Figure 5). South of Cape Cod, mean number and weight of spring caught males and females in SNE (Figure 2 and Figure 3) remain near their respective time series highs, but at or below time series medians in the fall. North of Cape Cod, 2021 mean number and weight data points were at or below their time series medians during the spring and fall surveys. Size distribution data are given in Figure 6 through Figure 13. Crabs south of Cape Cod are usually larger (and more numerous) than crabs north of Cape Cod.

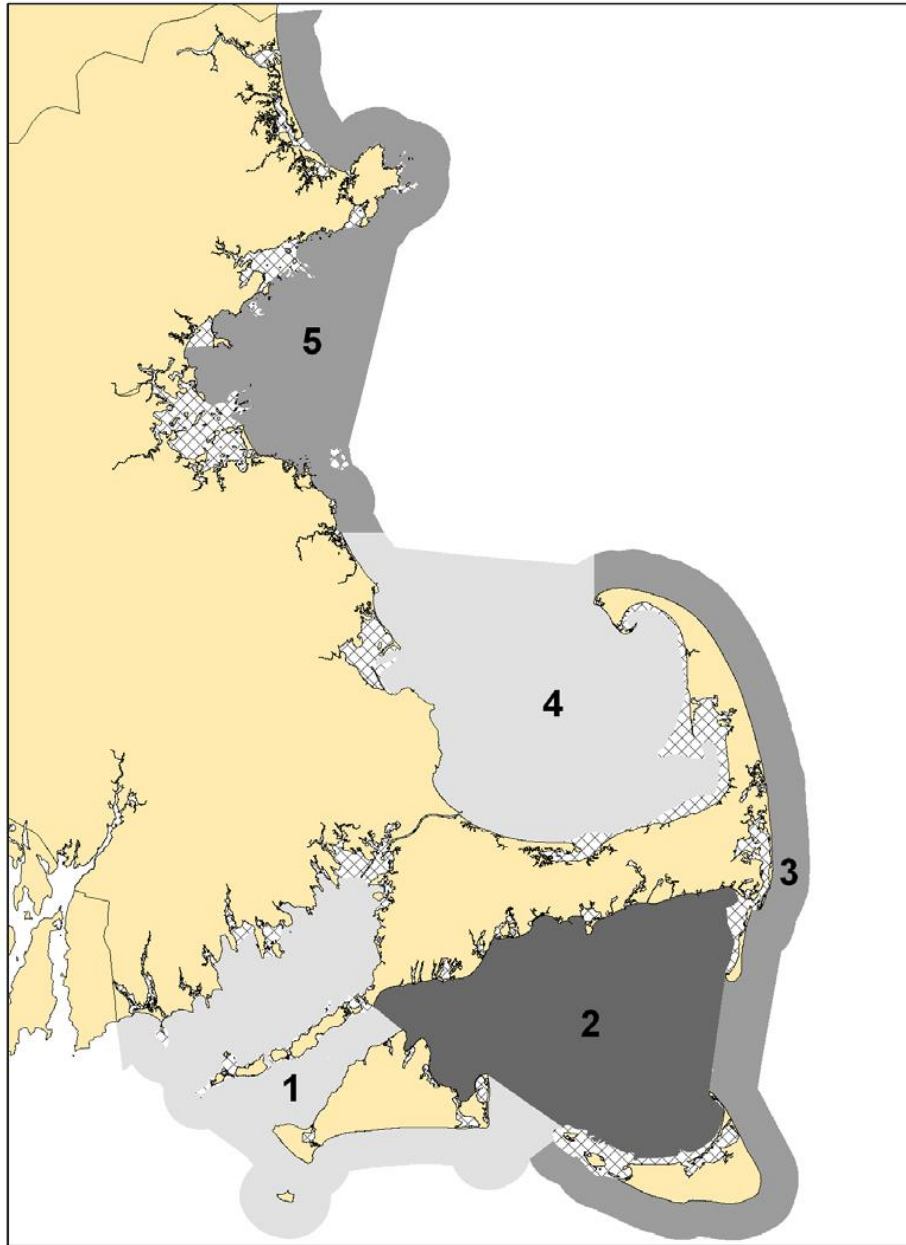


Figure 1. Map of regions for DMF's bottom trawl survey. For this report, regions 1–3 are considered Southern New England (SNE) and regions 4–5 are Gulf of Maine (GOM).

Confidential Data Has Been Removed from This Report

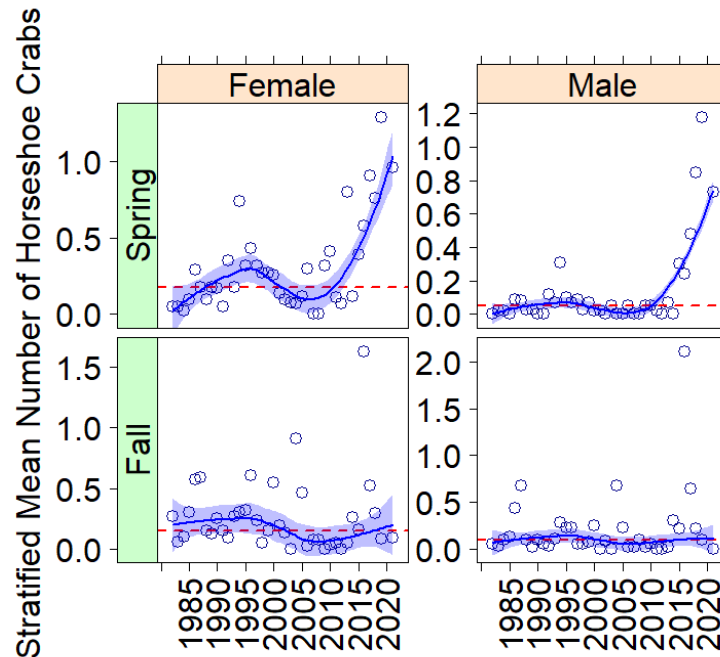


Figure 2. Bootstrapped mean number of horseshoe crabs per tow from the two shallowest depth strata (0–30' and 30–60' combined) of the DMF bottom trawl survey in SNE, by survey season and crab sex. The survey was not conducted in 2020 due to the Covid-19 pandemic. Red, dashed line is the time series median, blue line is a loess fit using family=symmetric, and span=0.66. These settings provide a resistant fit to outliers at the end of the time-series. Blue shaded area is an approximate 95% confidence interval for the fit.

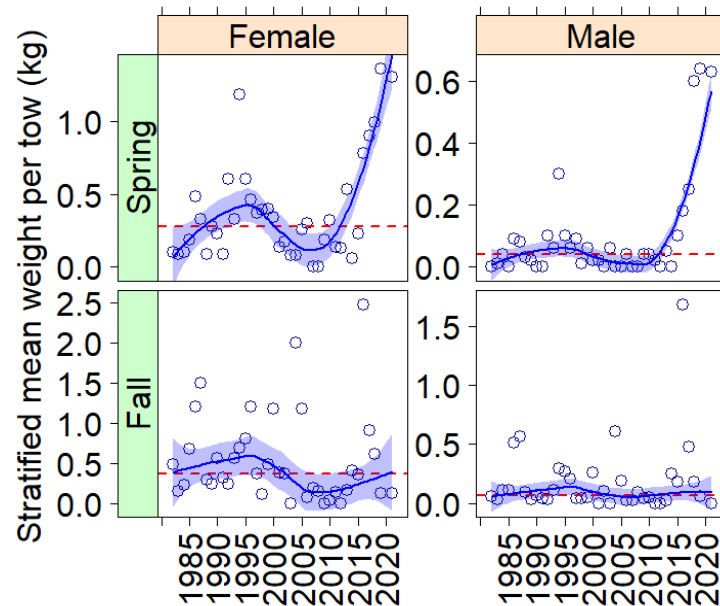


Figure 3. Bootstrapped horseshoe crab mean weight (kg) per tow from the two shallowest depth strata (0–30' and 30–60' combined) of the DMF bottom trawl survey in SNE, by survey season and crab sex. The survey was not conducted in 2020 due to the Covid-19 pandemic. Red, dashed line is the time series median, blue line is a loess fit using family=symmetric, and span=0.66. These settings provide a resistant fit to outliers at the end of the time-series. Blue shaded area is an approximate 95% confidence interval for the fit.

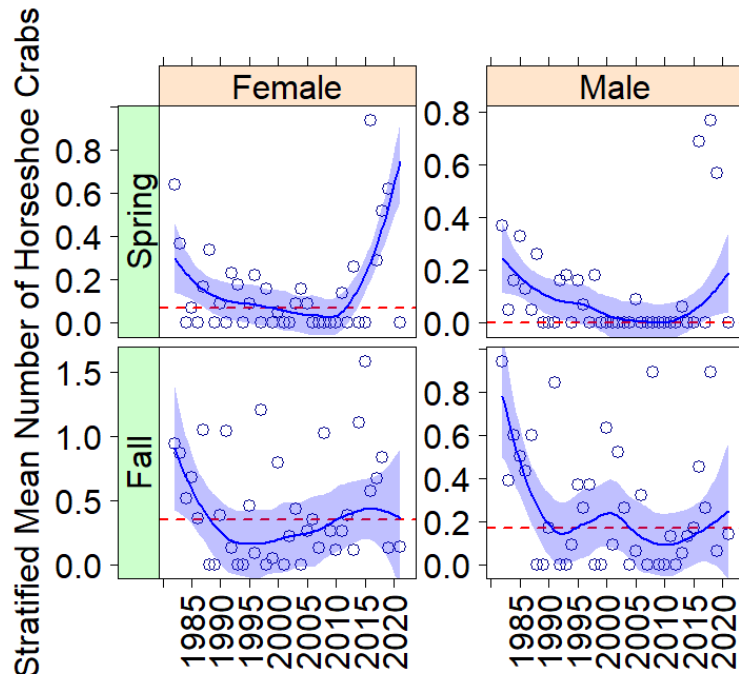


Figure 4. Bootstrapped mean number of horseshoe crabs per tow from the two shallowest depth strata (0–30' and 30–60' combined) of the DMF bottom trawl survey in GOM, by survey season and crab sex. The survey was not conducted in 2020 due to the Covid-19 pandemic. Red, dashed line is the time series median, blue line is a loess fit using family=symmetric and span=0.66. These settings provide a resistant fit to outliers at the end of the time-series. Blue shaded area is an approximate 95% confidence interval for the fit.

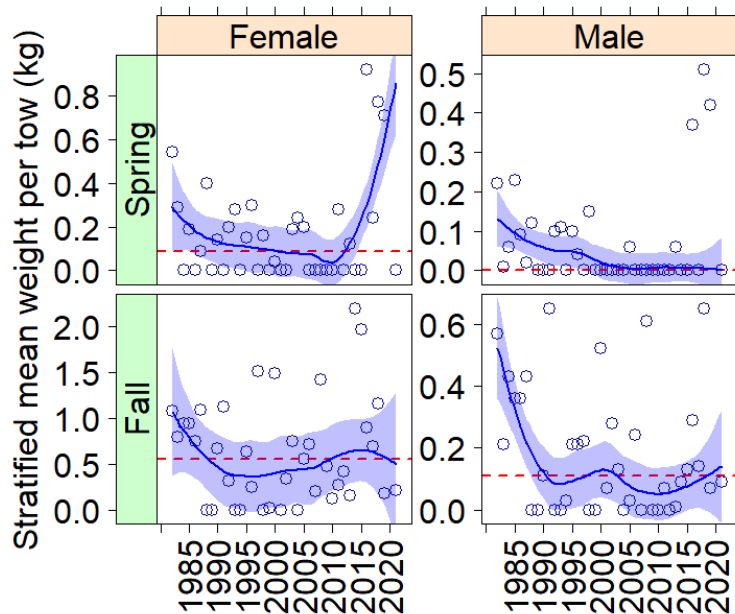


Figure 5. Bootstrapped horseshoe crab mean weight (kg) per tow from the two shallowest depth strata (0–30 and 30–60' combined) of the DMF bottom trawl survey in GOM, by survey season and crab sex. The survey was not conducted in 2020 due to the Covid-19 pandemic. Red, dashed line is the time series median, blue line is a loess fit using family=symmetric and span=0.66. These settings provide a resistant fit to outliers at the end of the time-series. Blue shaded area is an approximate 95% confidence interval for the fit.

Confidential Data Has Been Removed from This Report

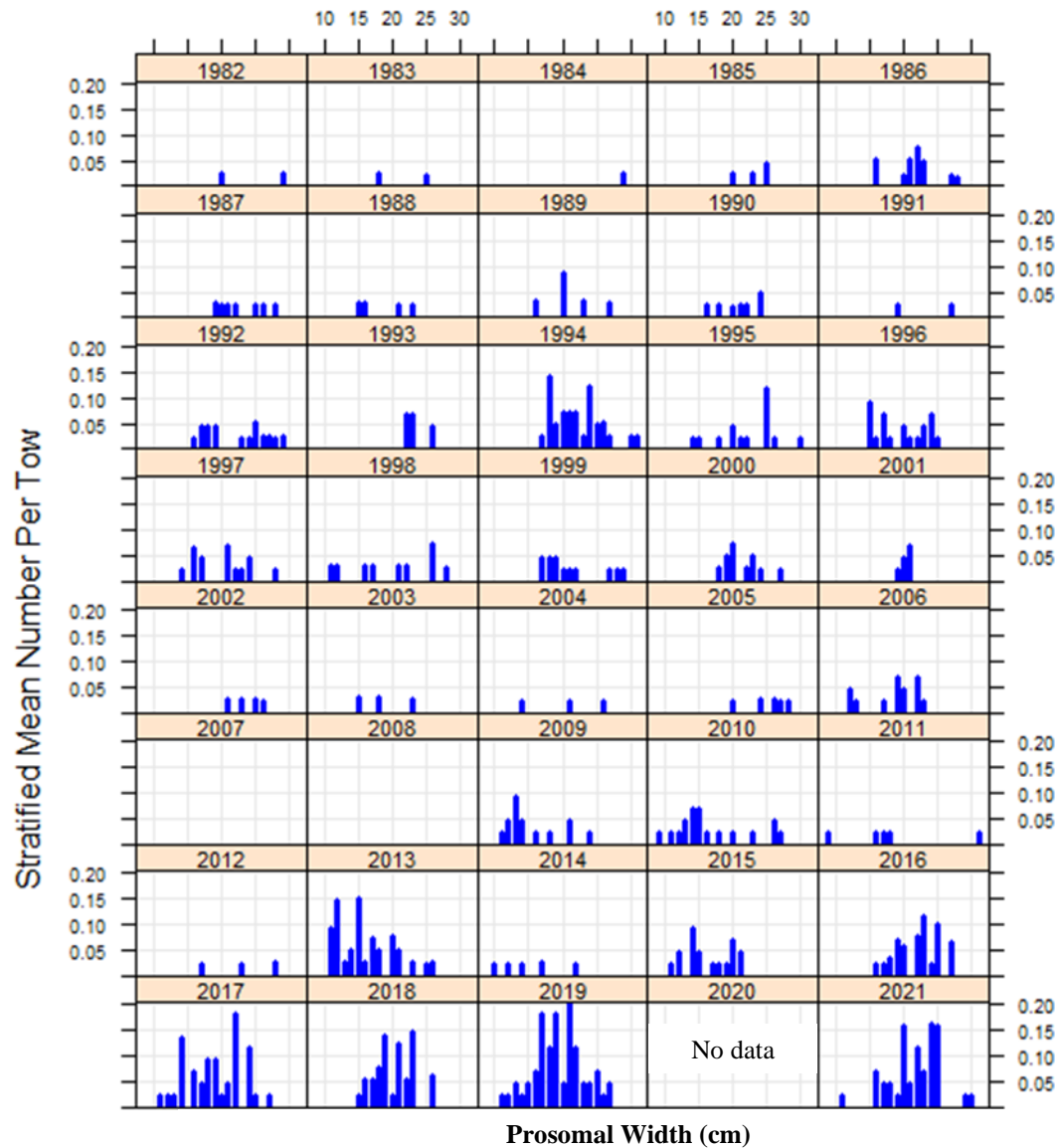


Figure 6. SNE female horseshoe crab size distribution from the two shallowest strata (0–30' and 30–60' combined) of the DMF spring bottom trawl survey. The survey was not conducted in 2020 due to the Covid-19 pandemic.

Confidential Data Has Been Removed from This Report

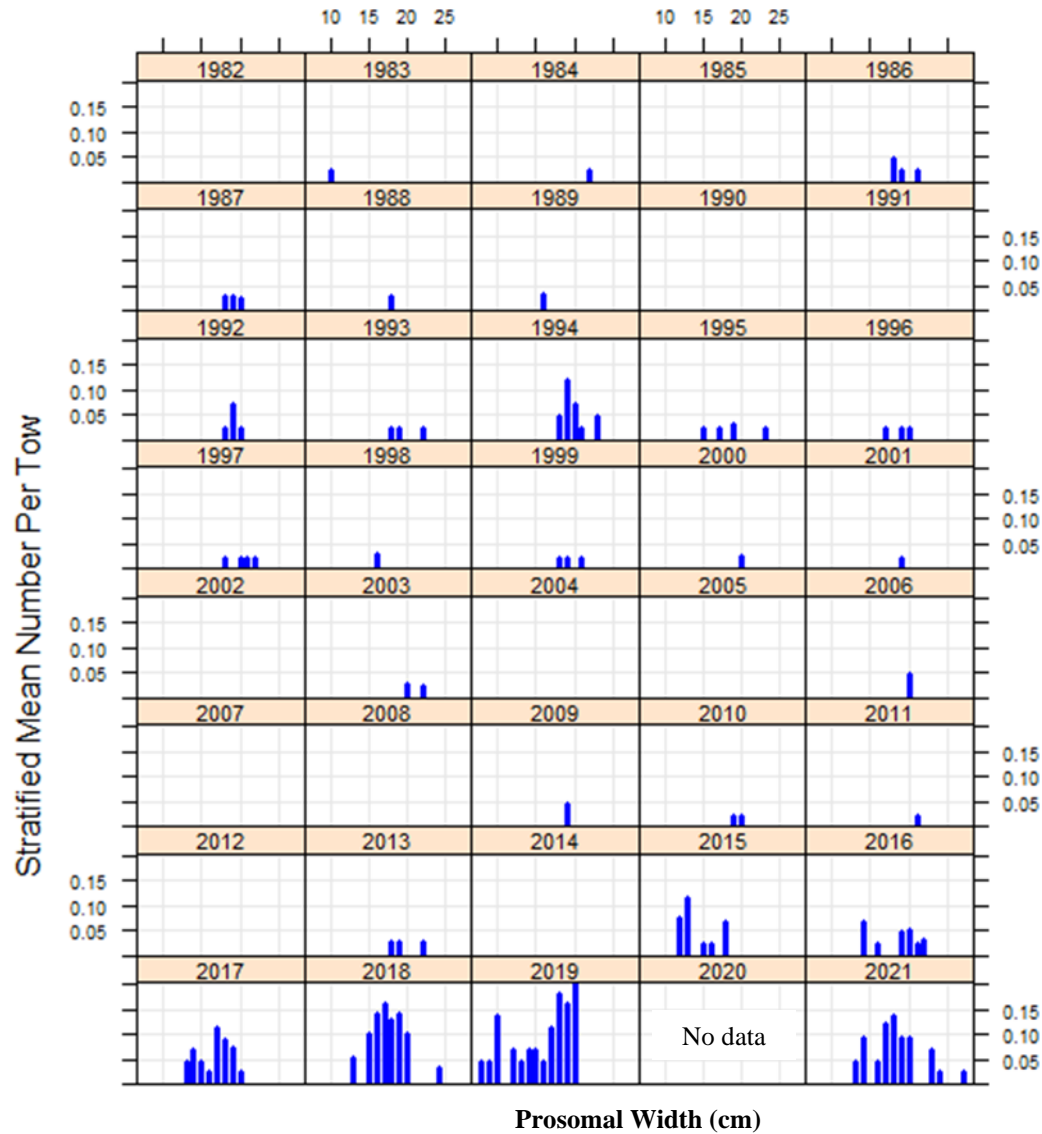


Figure 7. SNE male horseshoe crab size distribution from the two shallowest strata (0–30' and 30–60' combined) of the DMF spring bottom trawl survey. The survey was not conducted in 2020 due to the Covid-19 pandemic.

This Report Contains Confidential Data

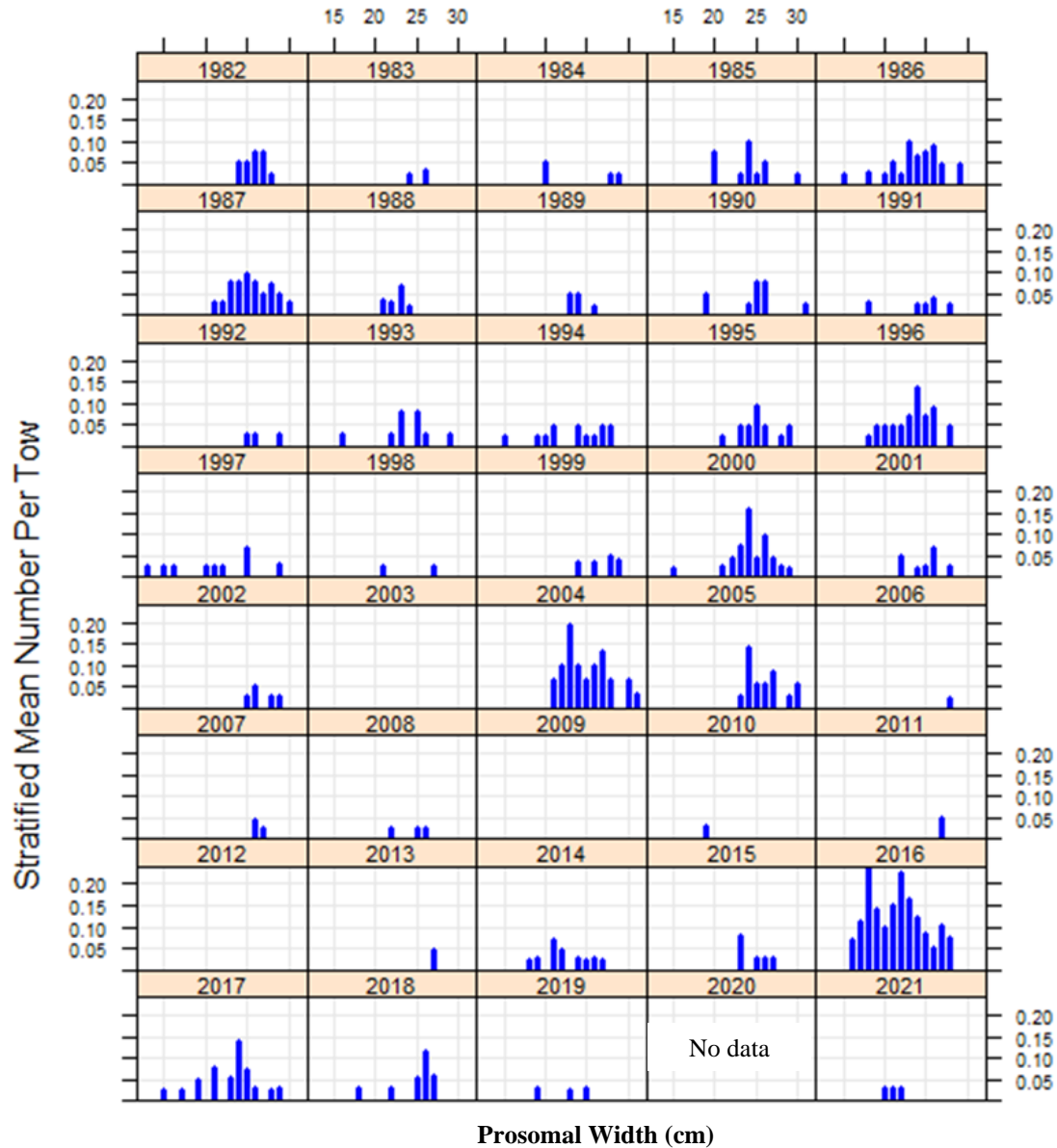


Figure 8. SNE female horseshoe crab size distribution from the two shallowest strata (0–30' and 30–60' combined) of the DMF fall bottom trawl survey. The survey was not conducted in 2020 due to the Covid-19 pandemic.

This Report Contains Confidential Data

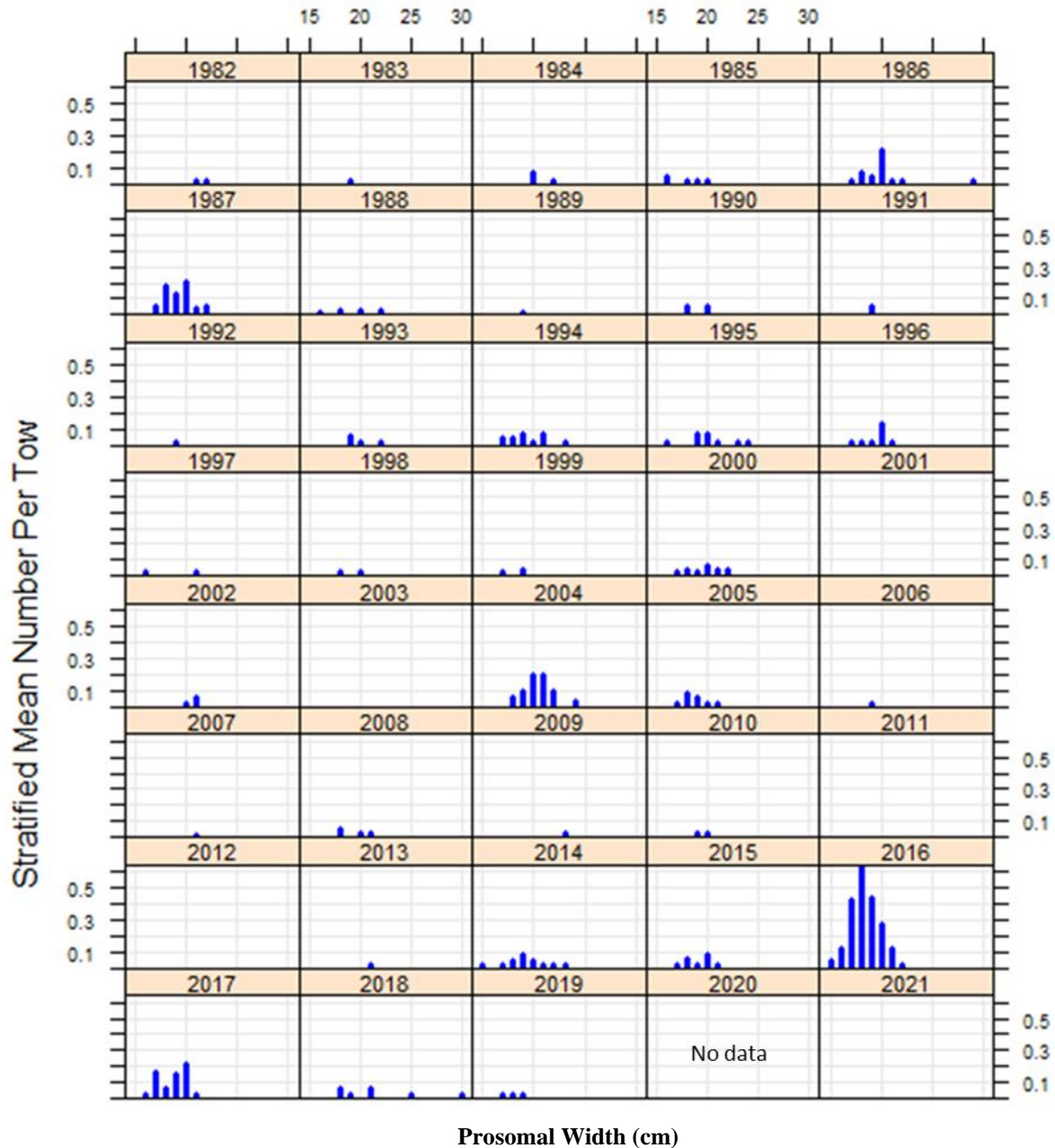


Figure 9. SNE male horseshoe crab size distribution from the two shallowest strata (0–30' and 30–60' combined) of the DMF fall bottom trawl survey. The survey was not conducted in 2020 due to the Covid-19 pandemic.

This Report Contains Confidential Data

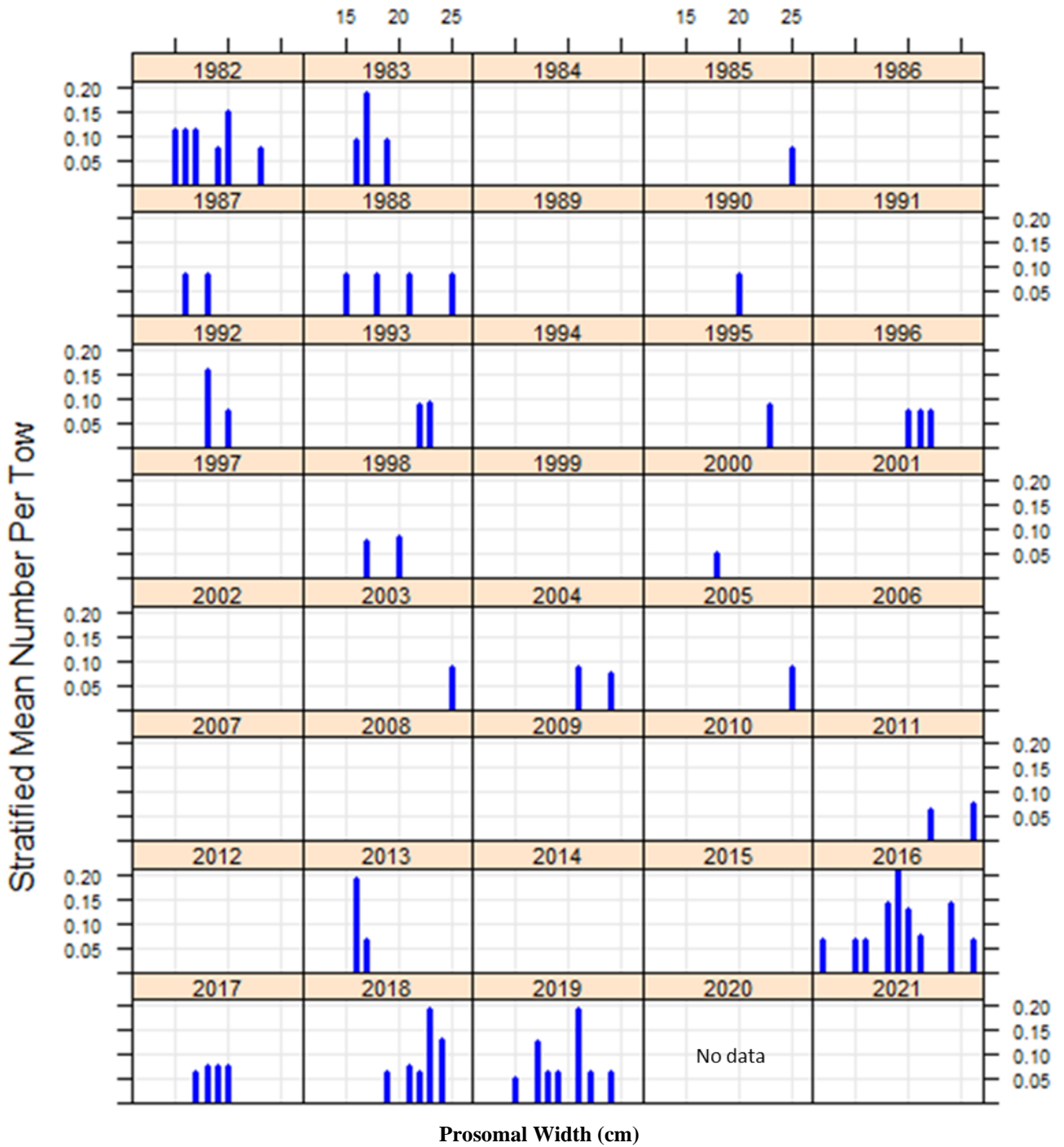


Figure 10. GOM female horseshoe crab size distribution from the two shallowest strata (0–30' and 30–60' combined) of the DMF spring bottom trawl survey. The survey was not conducted in 2020 due to the Covid-19 pandemic.

This Report Contains Confidential Data

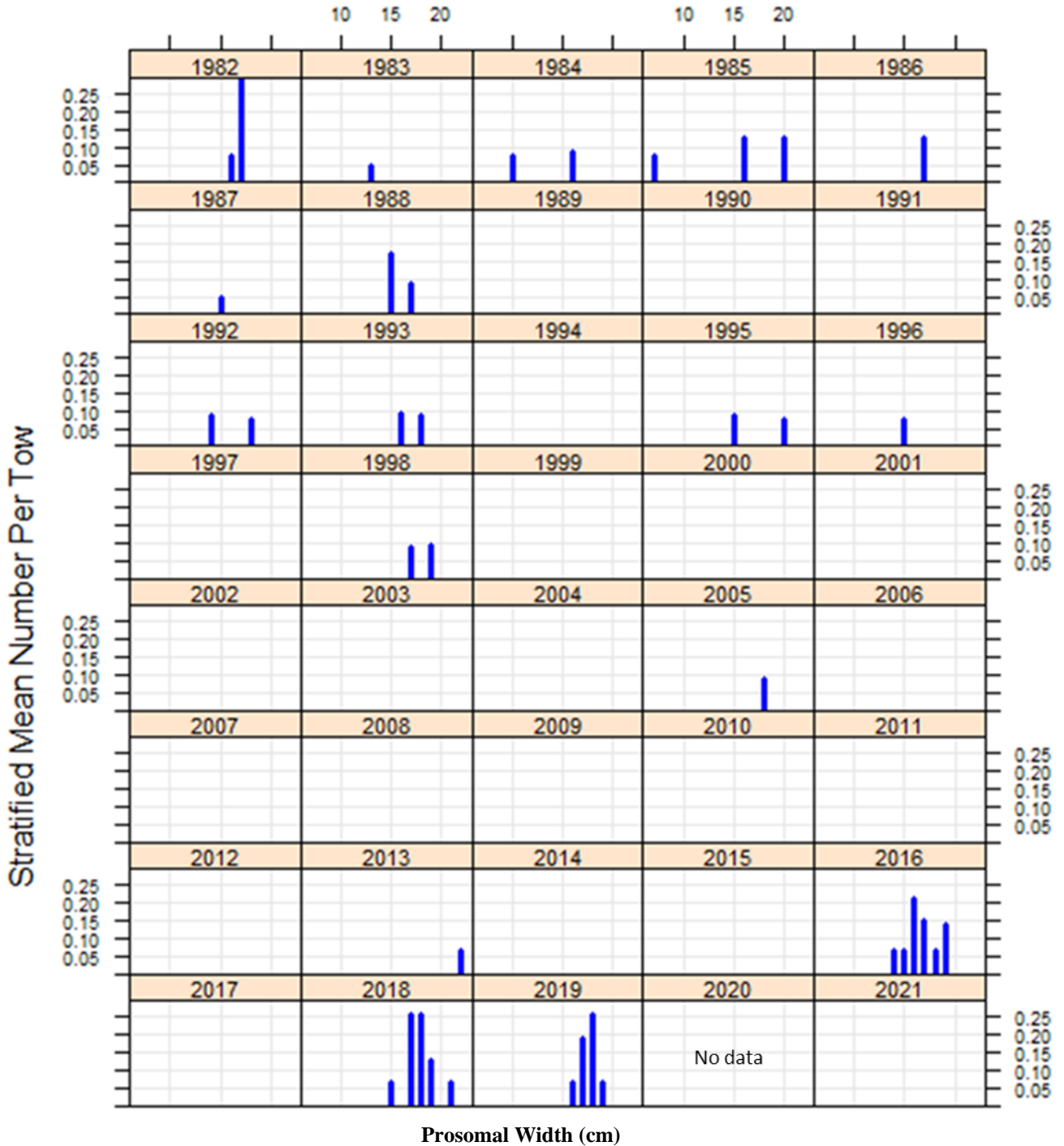


Figure 11. GOM male horseshoe crab size distribution from the two shallowest strata (0–30' and 30–60' combined) of the DMF spring bottom trawl survey. The survey was not conducted in 2020 due to the Covid-19 pandemic.

This Report Contains Confidential Data

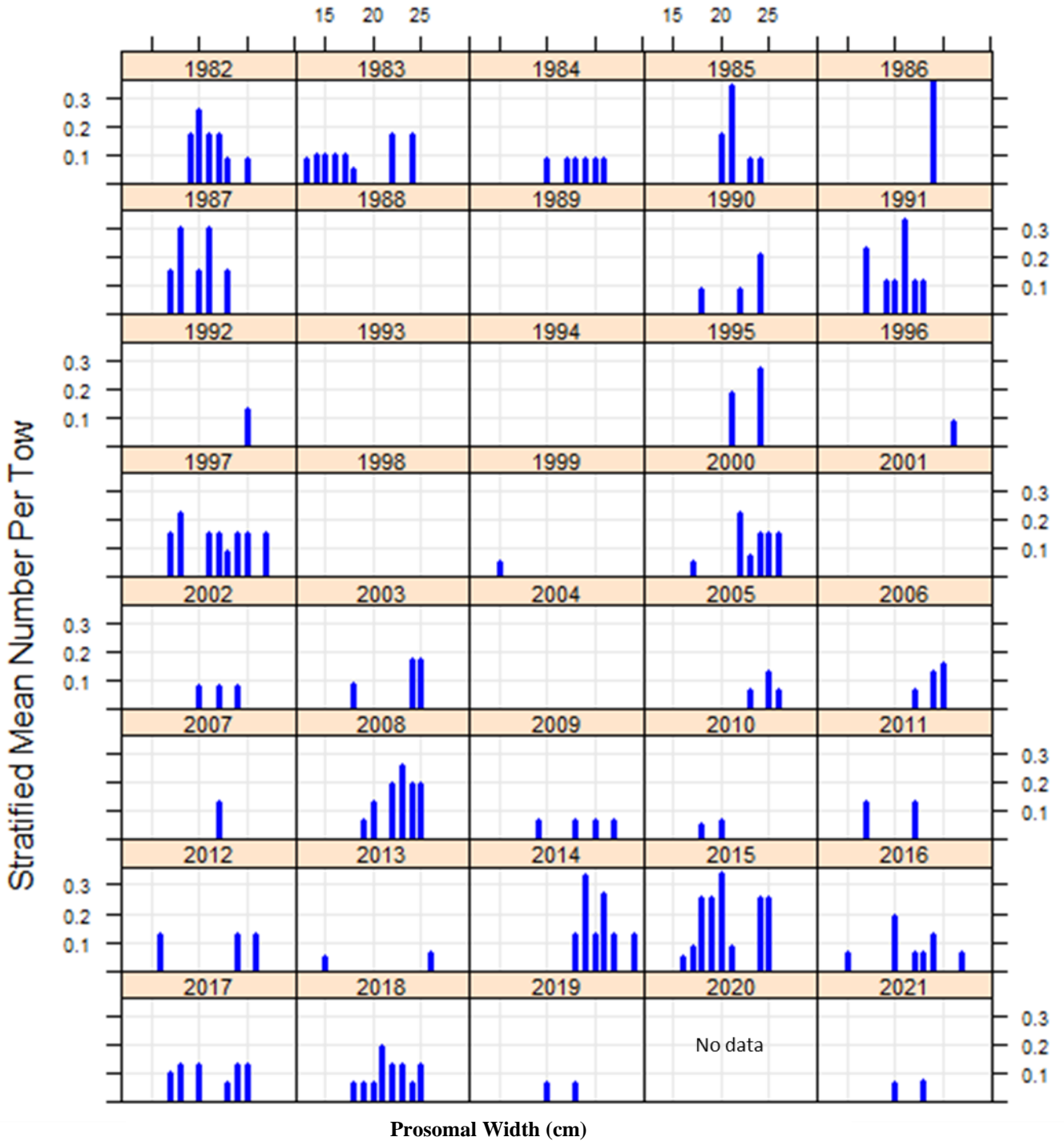


Figure 12. GOM female horseshoe crab size distribution from the two shallowest strata (0–30' and 30–60' combined) of the DMF fall bottom trawl survey. The survey was not conducted in 2020 due to the Covid-19 pandemic.

This Report Contains Confidential Data

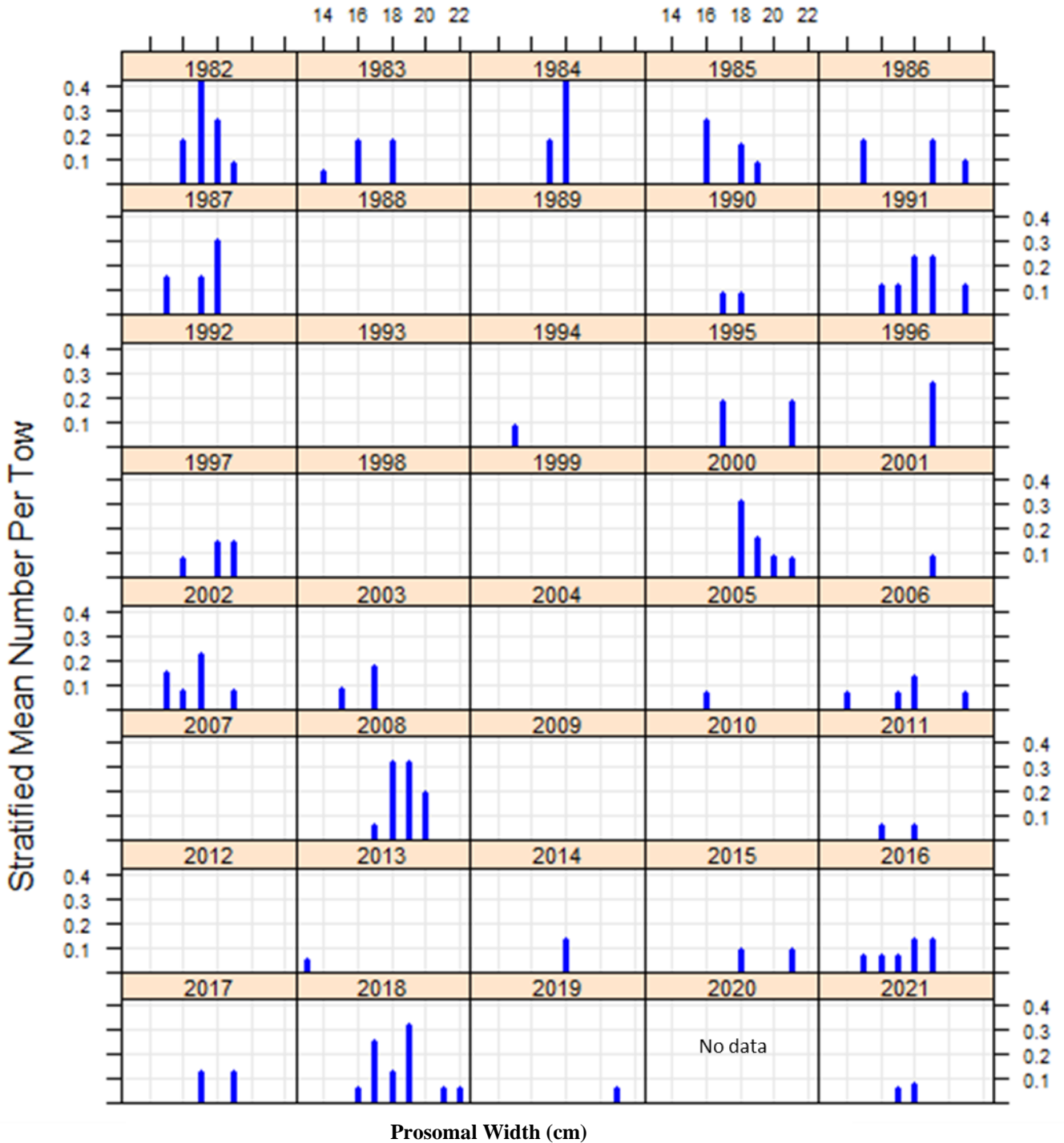


Figure 13. GOM male horseshoe crab size distribution from the two shallowest strata (0–30' and 30–60' combined) of the DMF fall bottom trawl survey. The survey was not conducted in 2020 due to the Covid-19 pandemic.

IV. Planned management programs for the current calendar year

a. Summary of changes from previous years

There were no regulation changes from previous years directly related to horseshoe crabs.

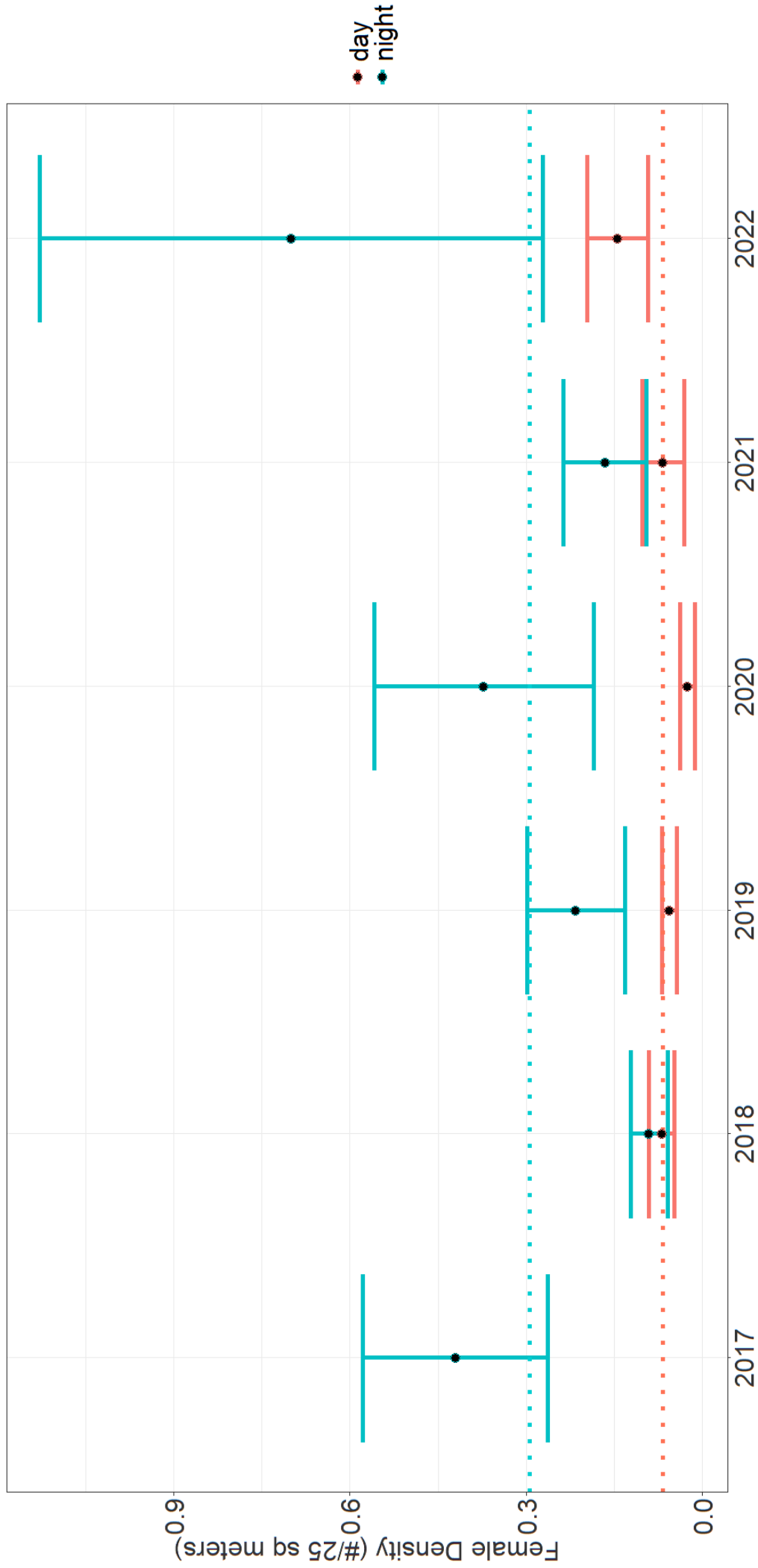
b. Summary of monitoring programs that will occur

- DMF will continue collecting catch reports from all crab harvesters, dealers, and scientific permit holders.
- DMF will continue to collect monthly reports from the biomedical industry.
- DMF will also continue to characterize the commercial fishery through market sampling.
- DMF spring and fall trawl surveys will continue to monitor and record weight, number and prosomal width by sex of individuals collected.
- DMF will continue to coordinate and support spawning beach surveys conducted in cooperation with various volunteer organizations.

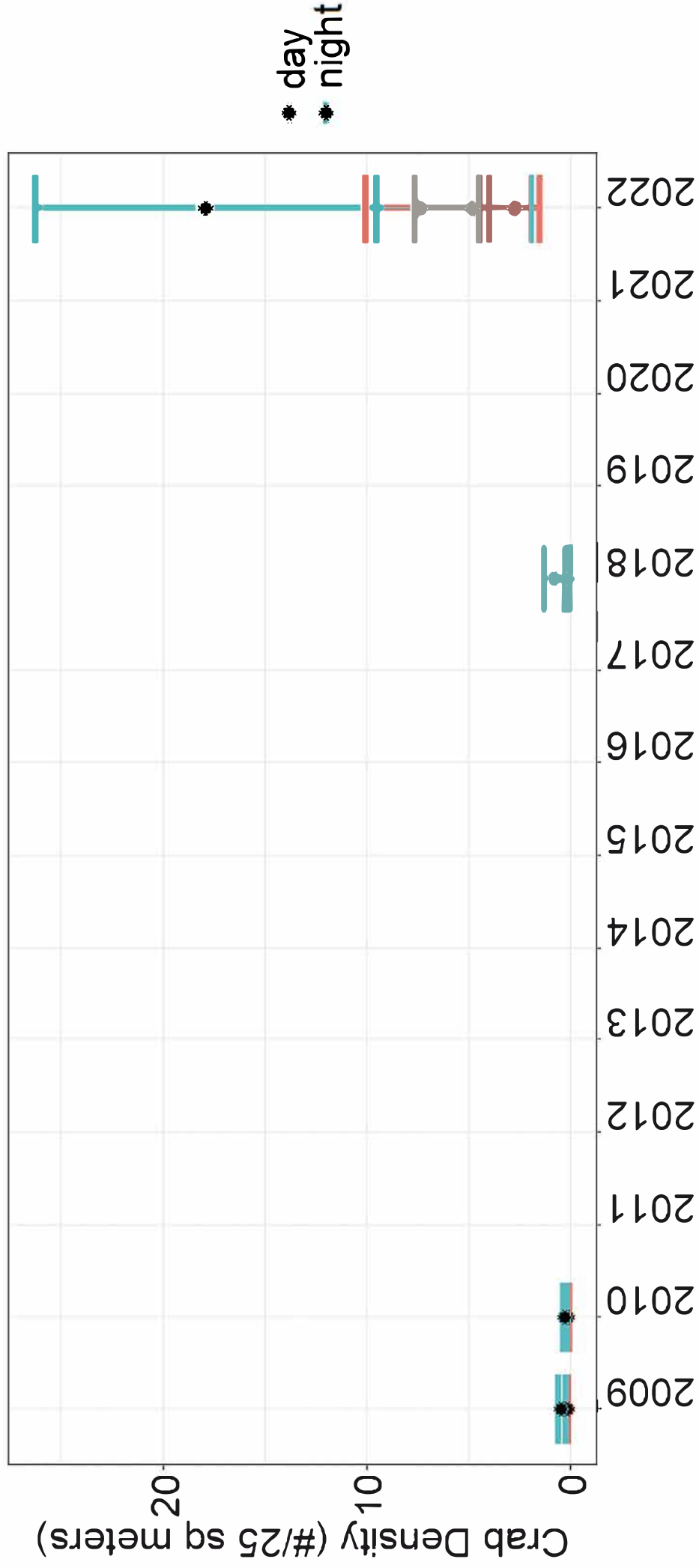
V. Law Enforcement reporting requirements

The Massachusetts Environmental Police did not report any horseshoe crab related violations in 2021.

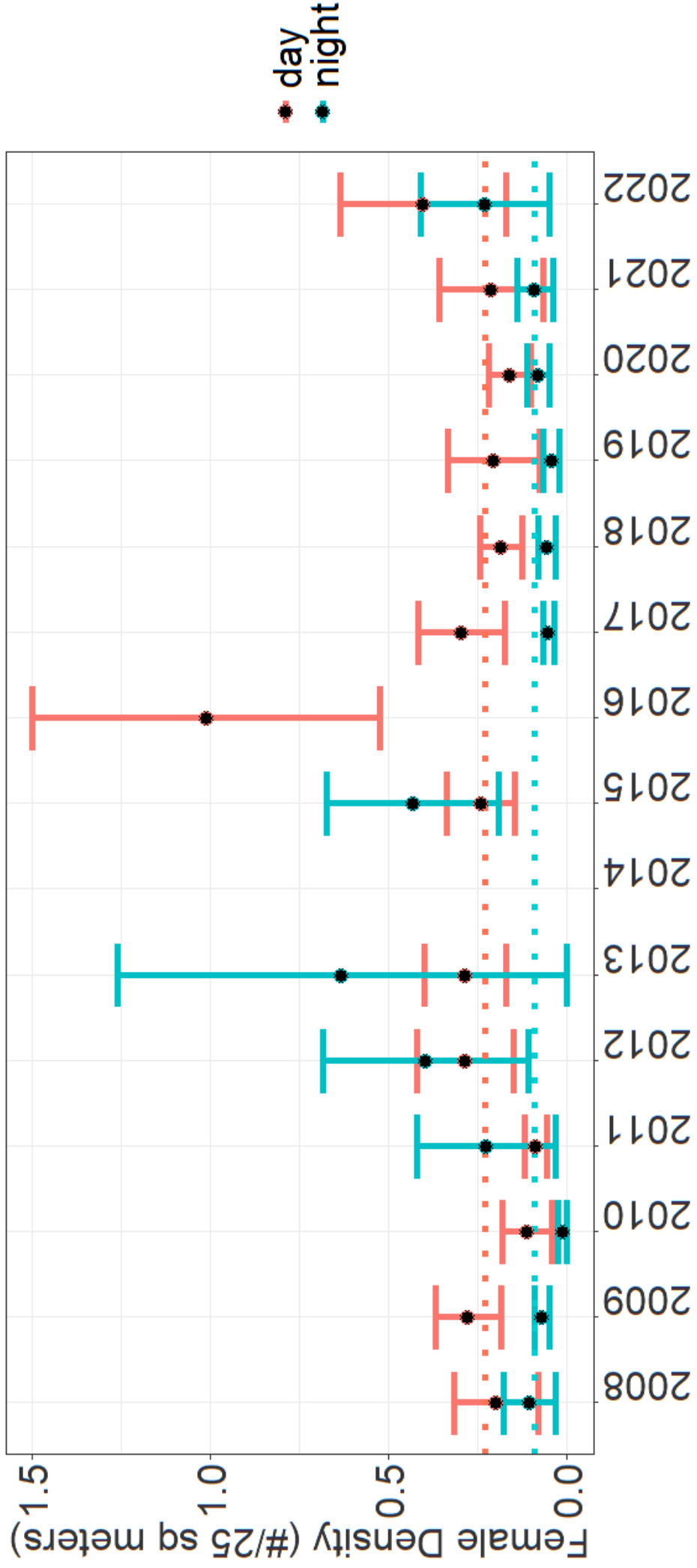
Bass River



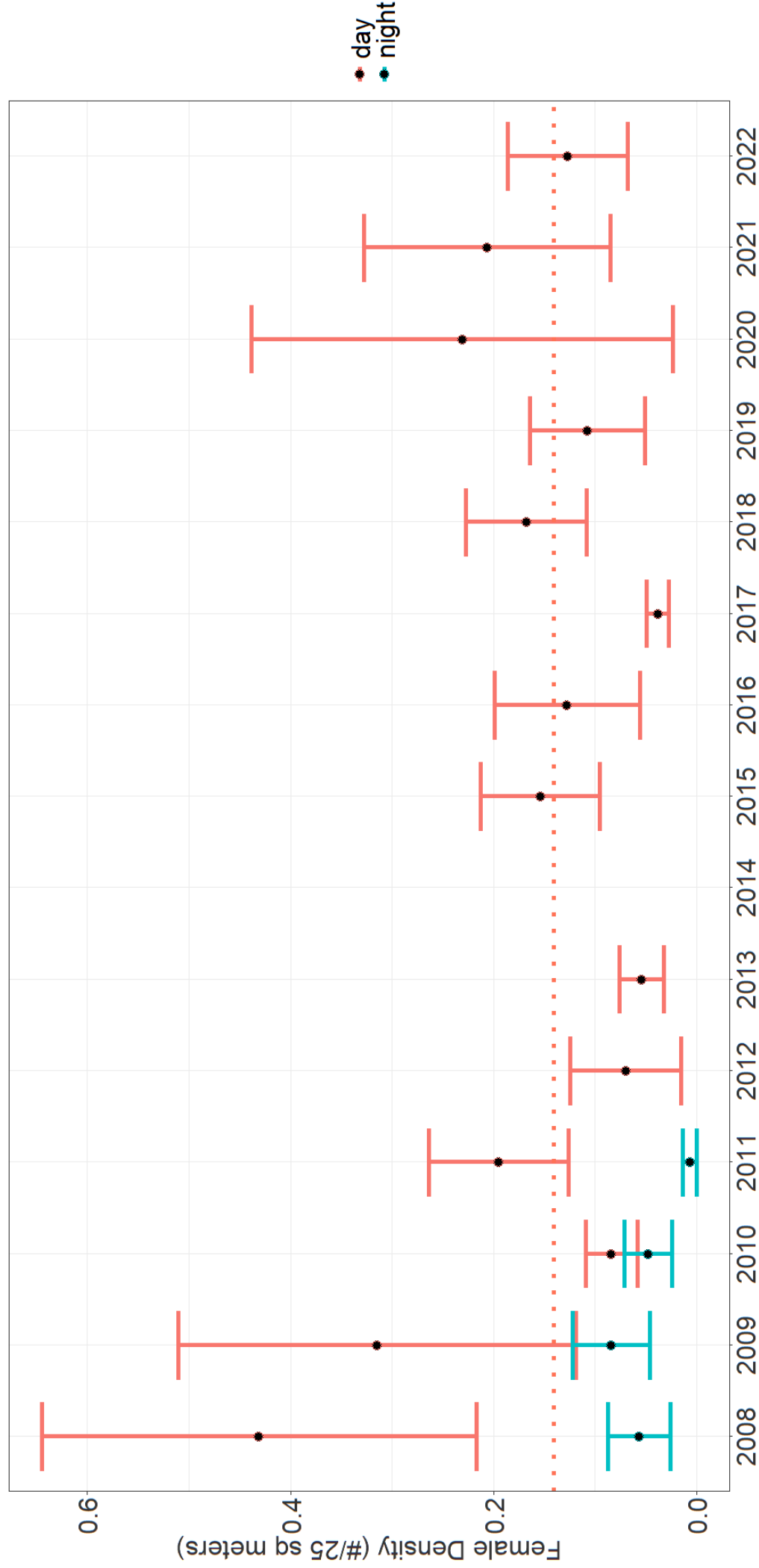
Chatam USFWS



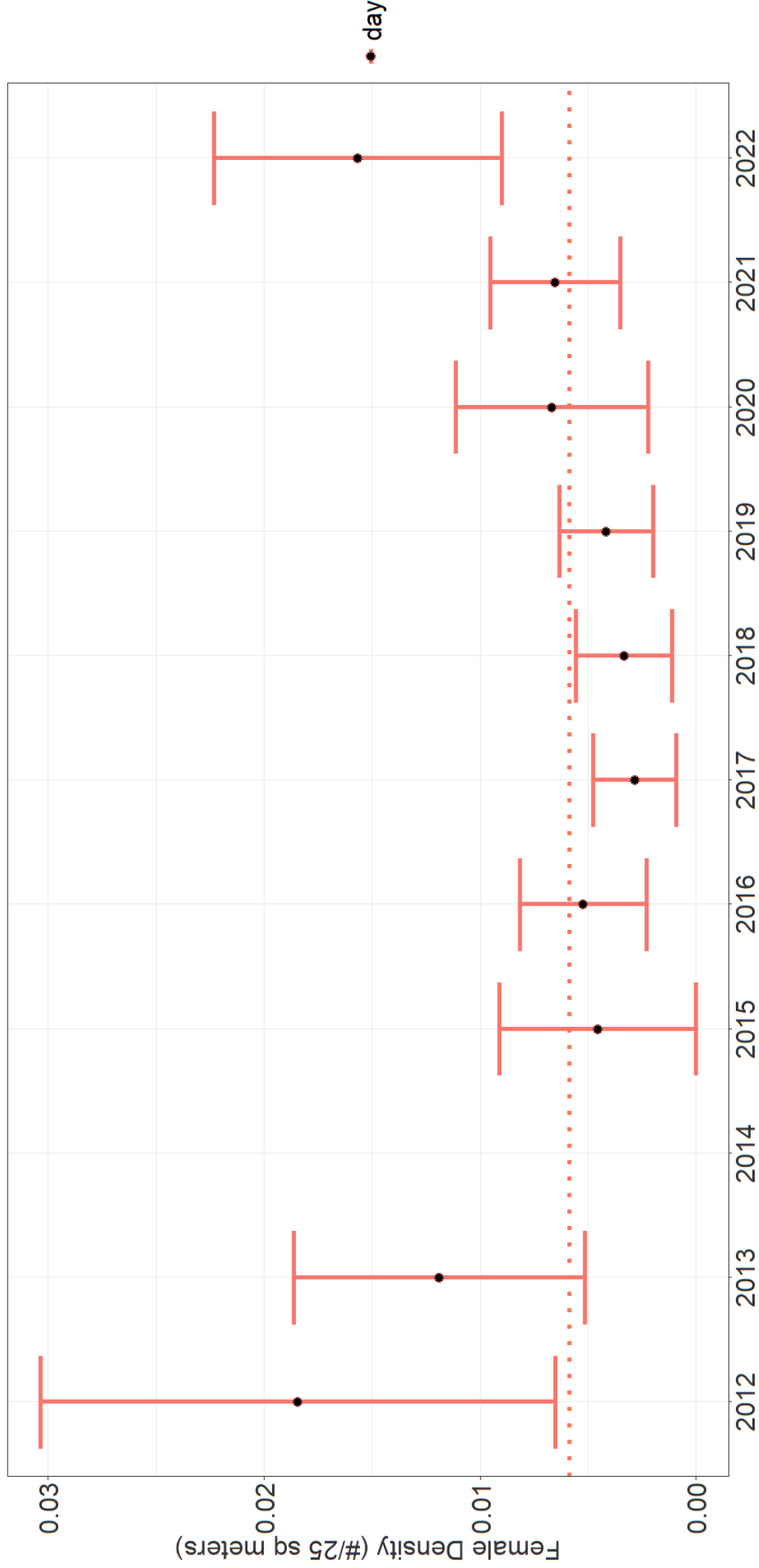
Duxbury Beach



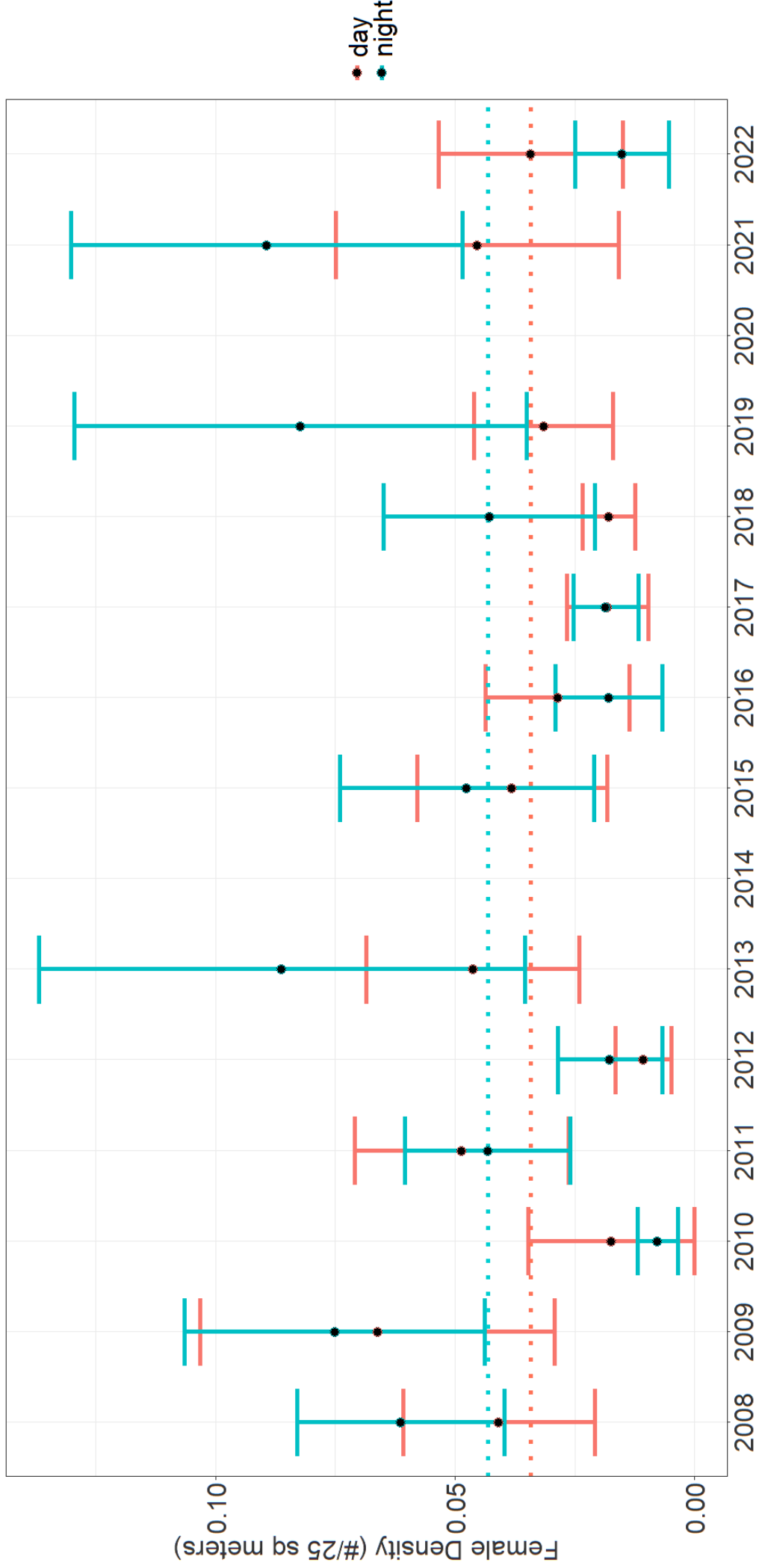
Erica's



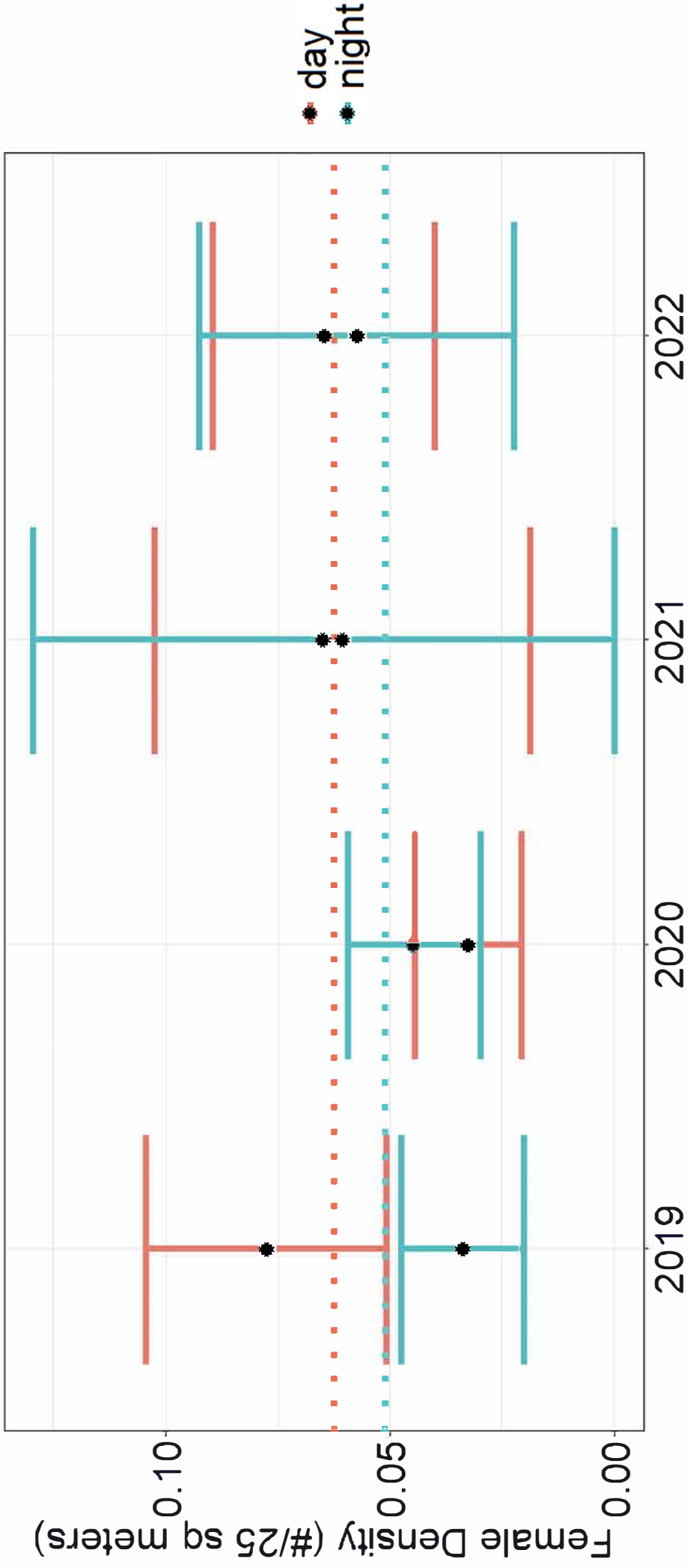
Great Island



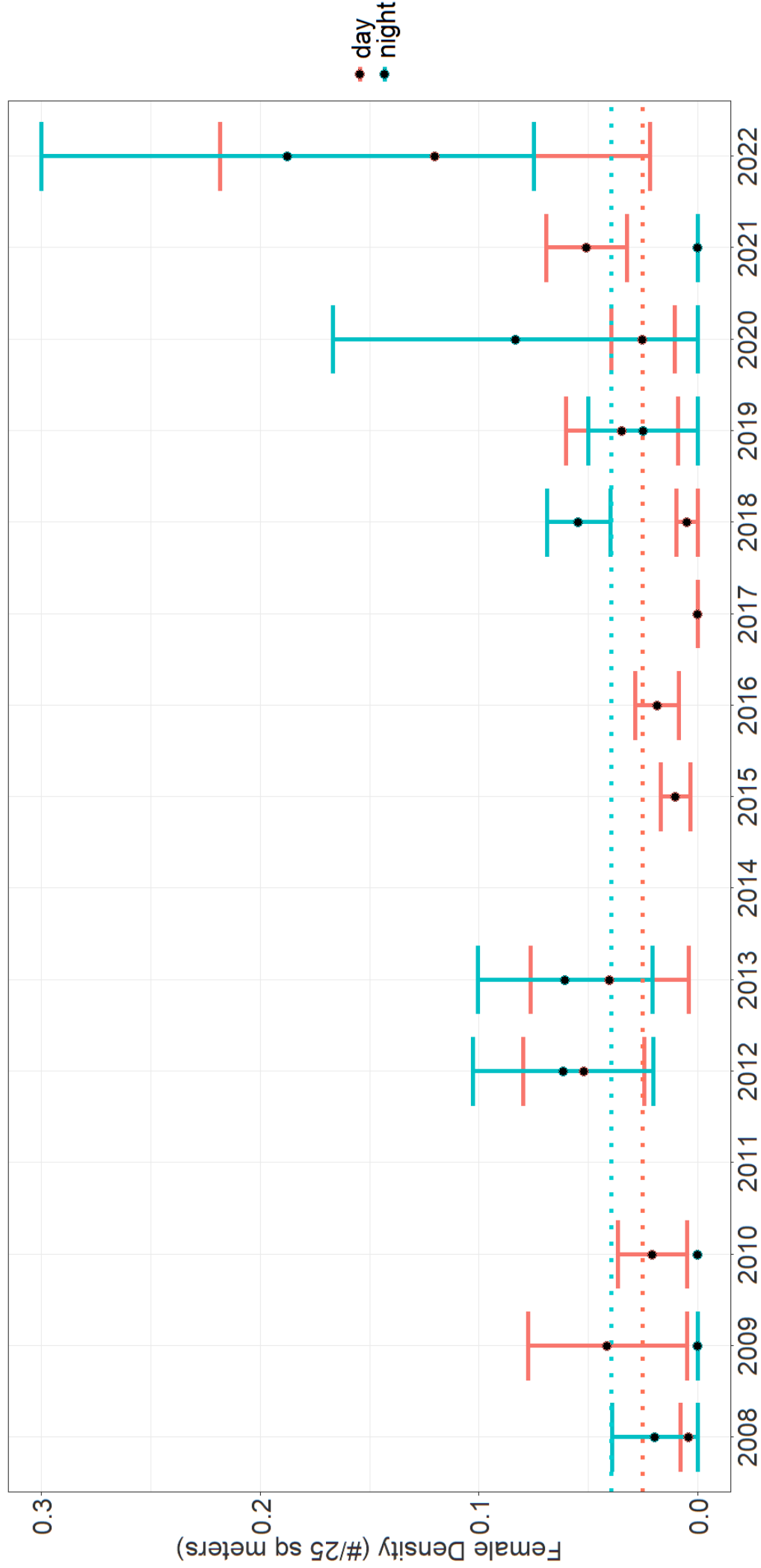
Indian Neck



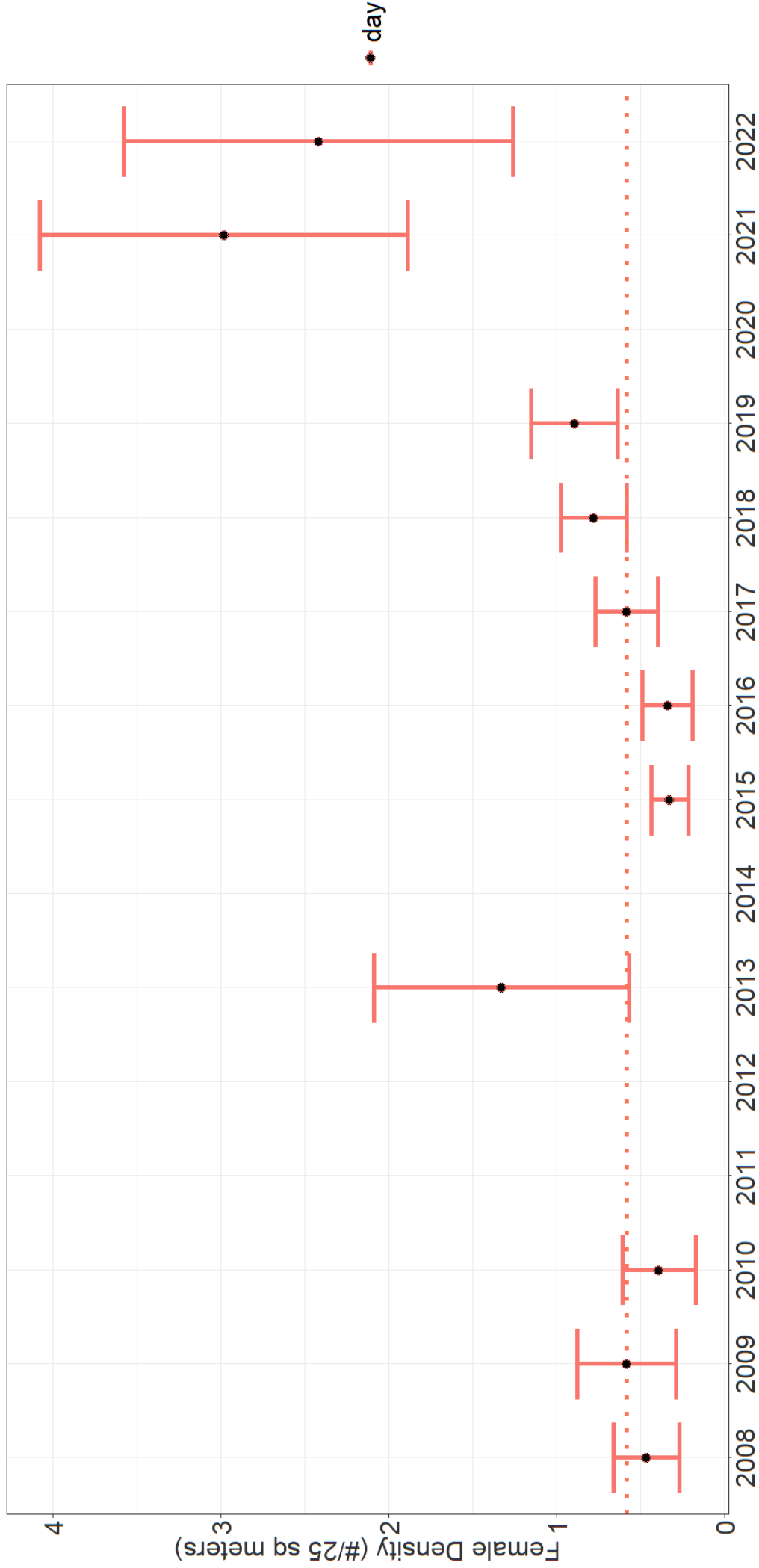
Long Beach



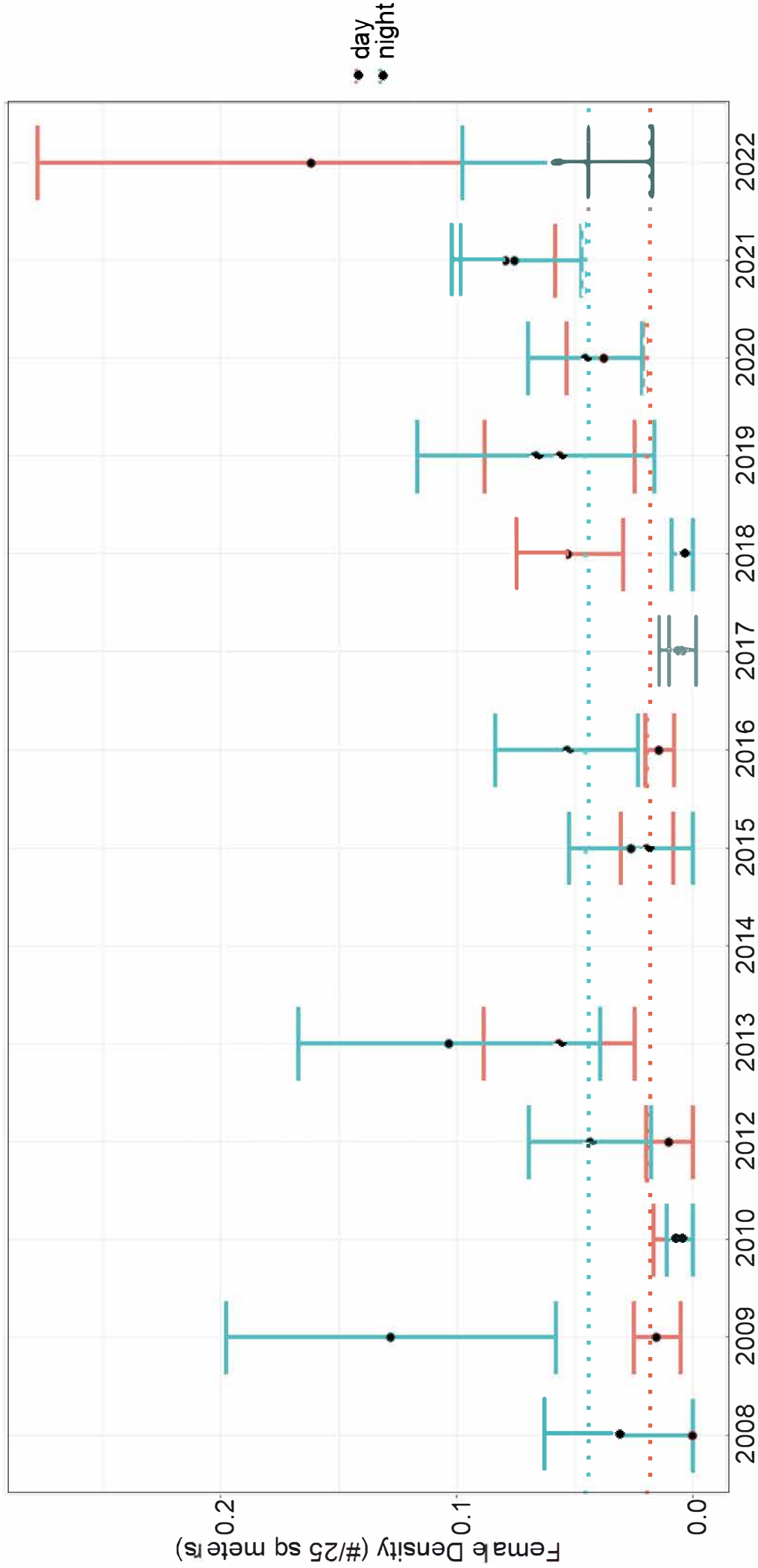
Long Pasture



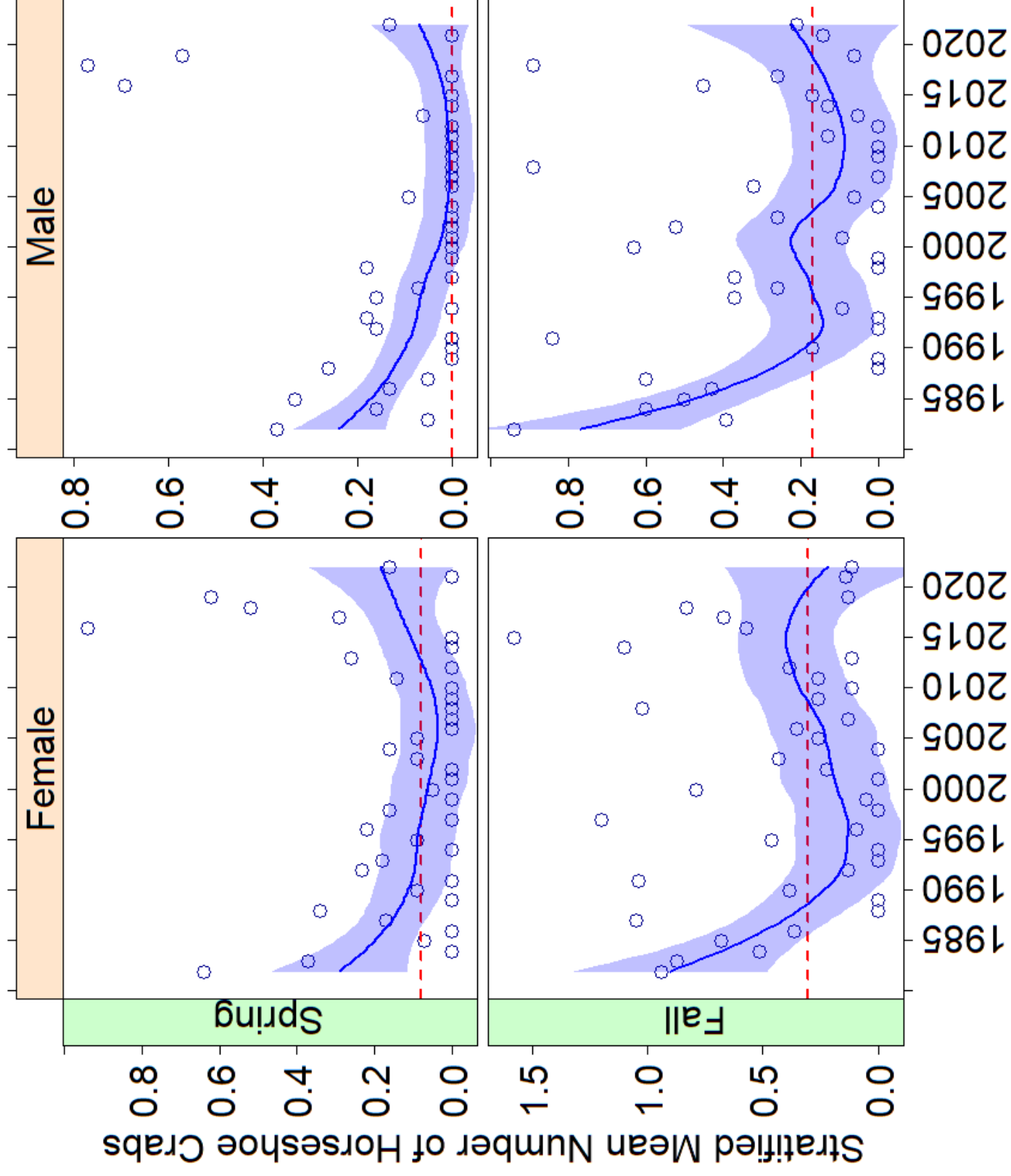
Marsh 2-3



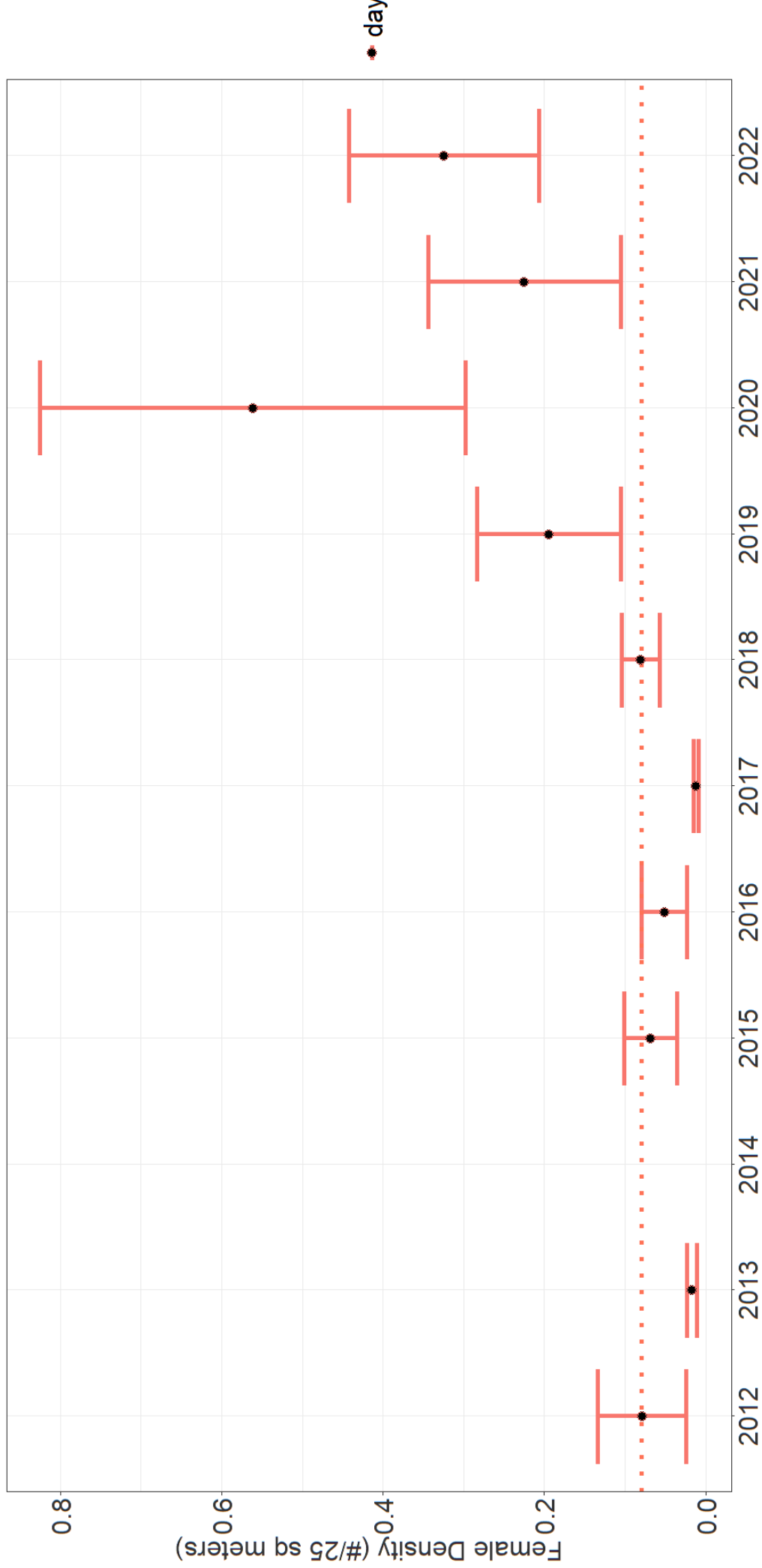
Millway Beach



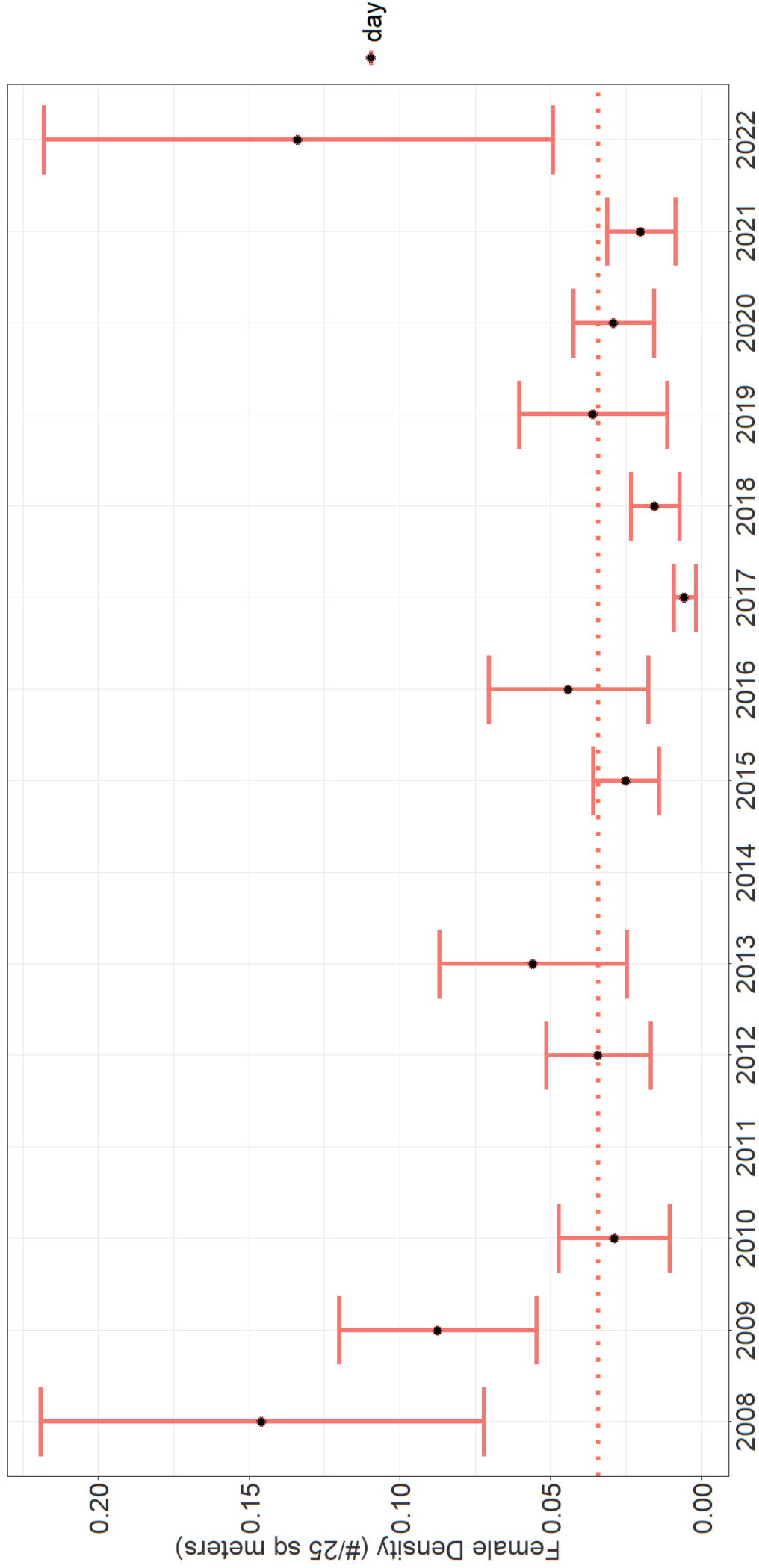
North of Cape Cod MA DMF Trawl Survey dices (0-60')



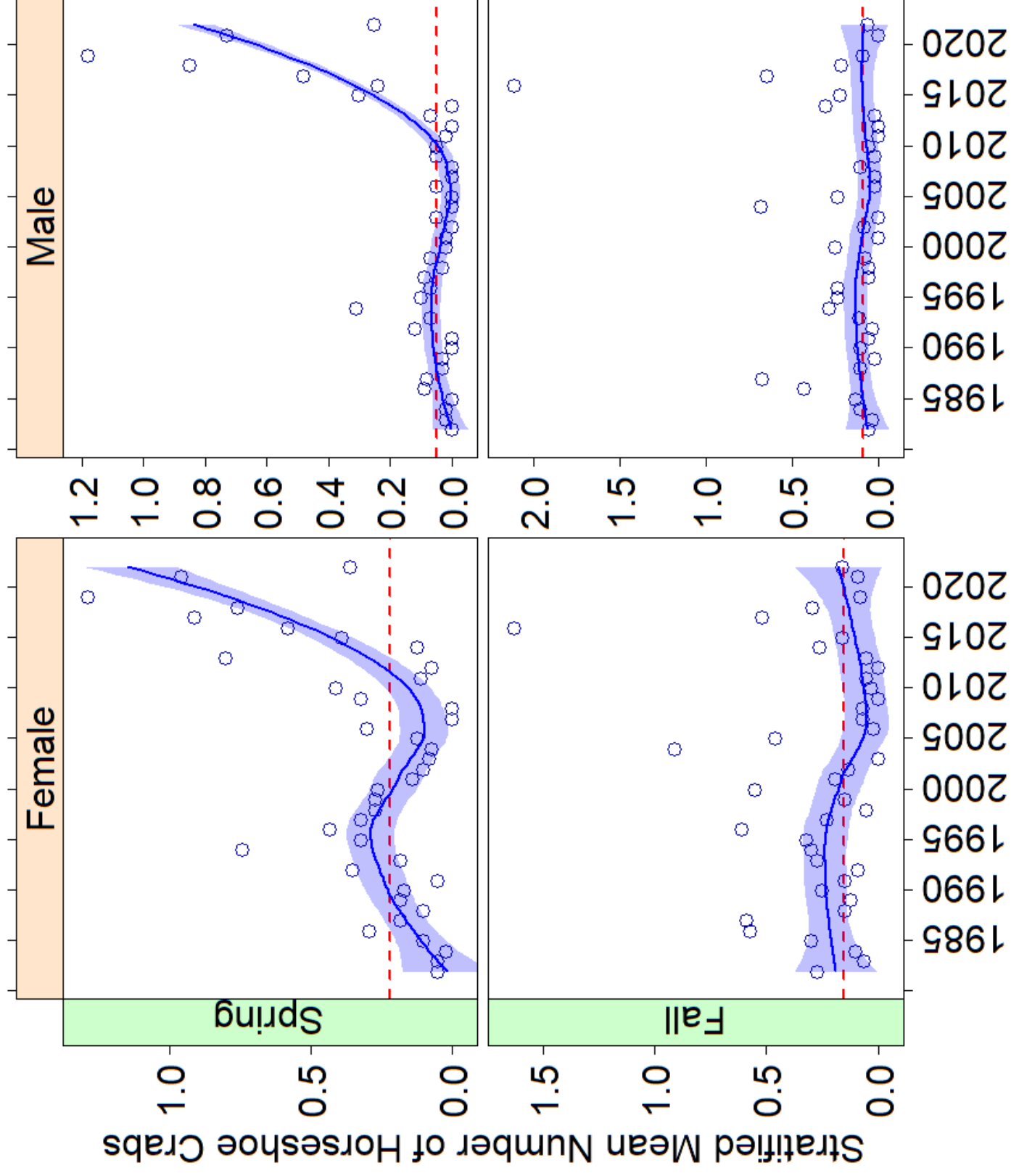
Priscilla Landing



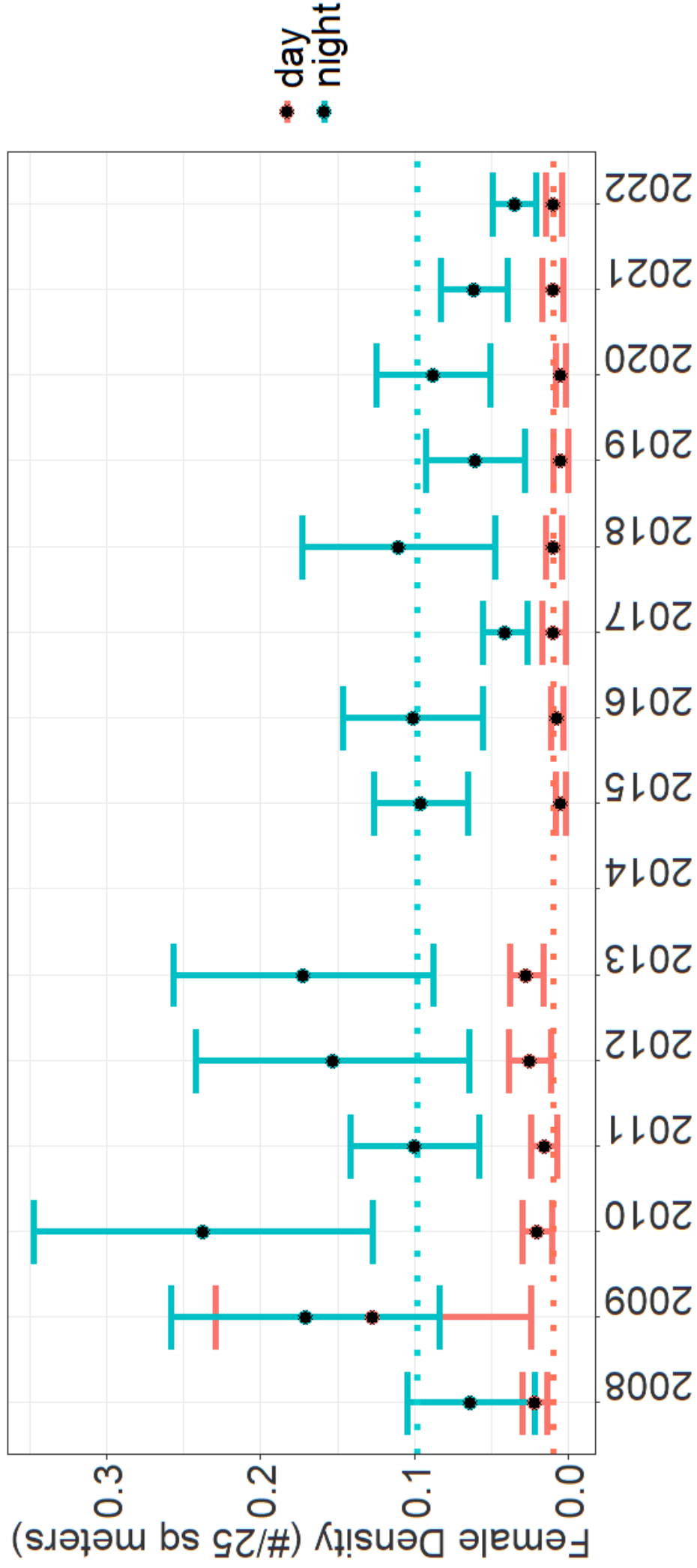
Sanctuary



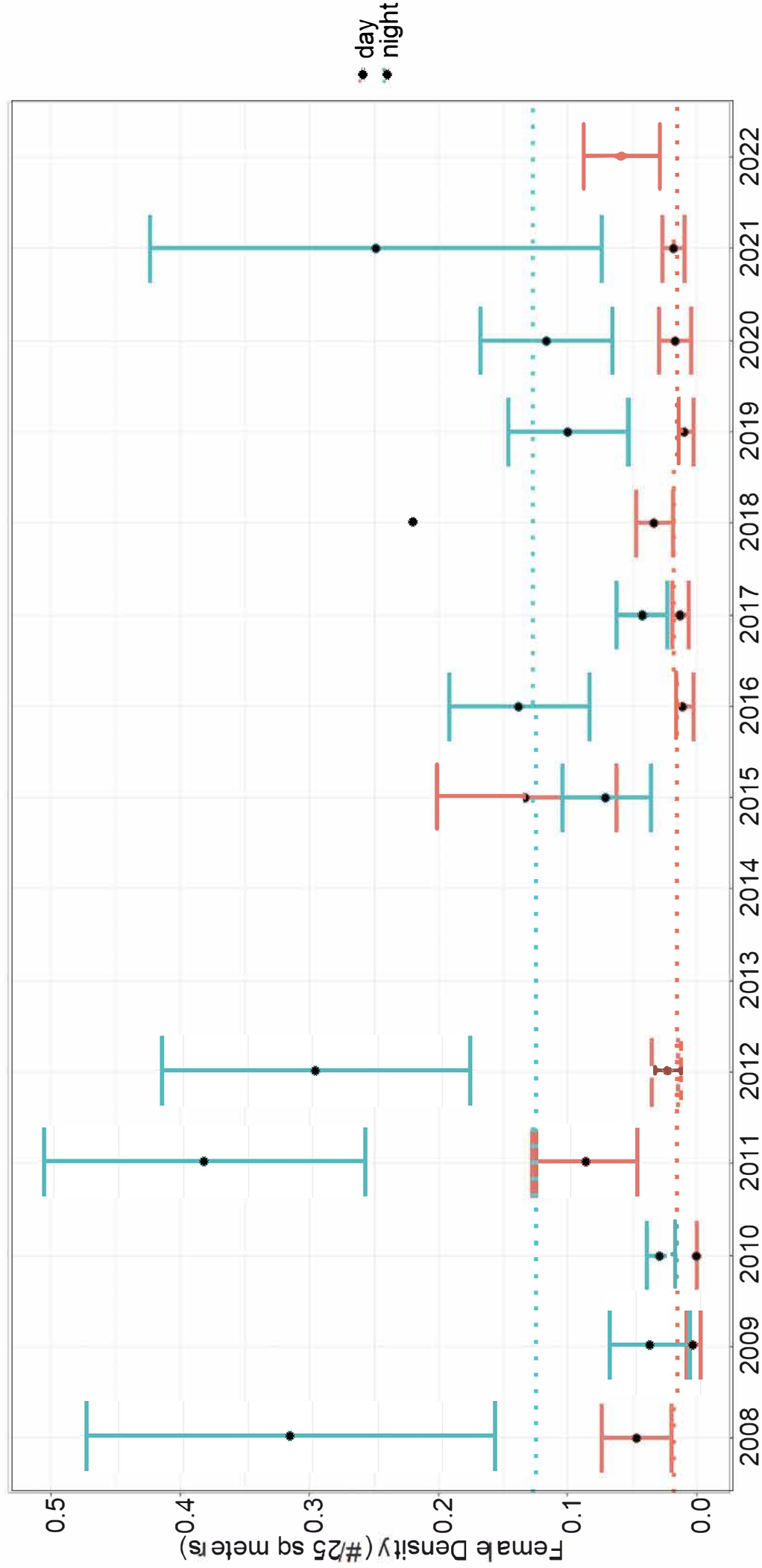
South of Cape Cod MA DMF Trawl Survey dices (0-60')



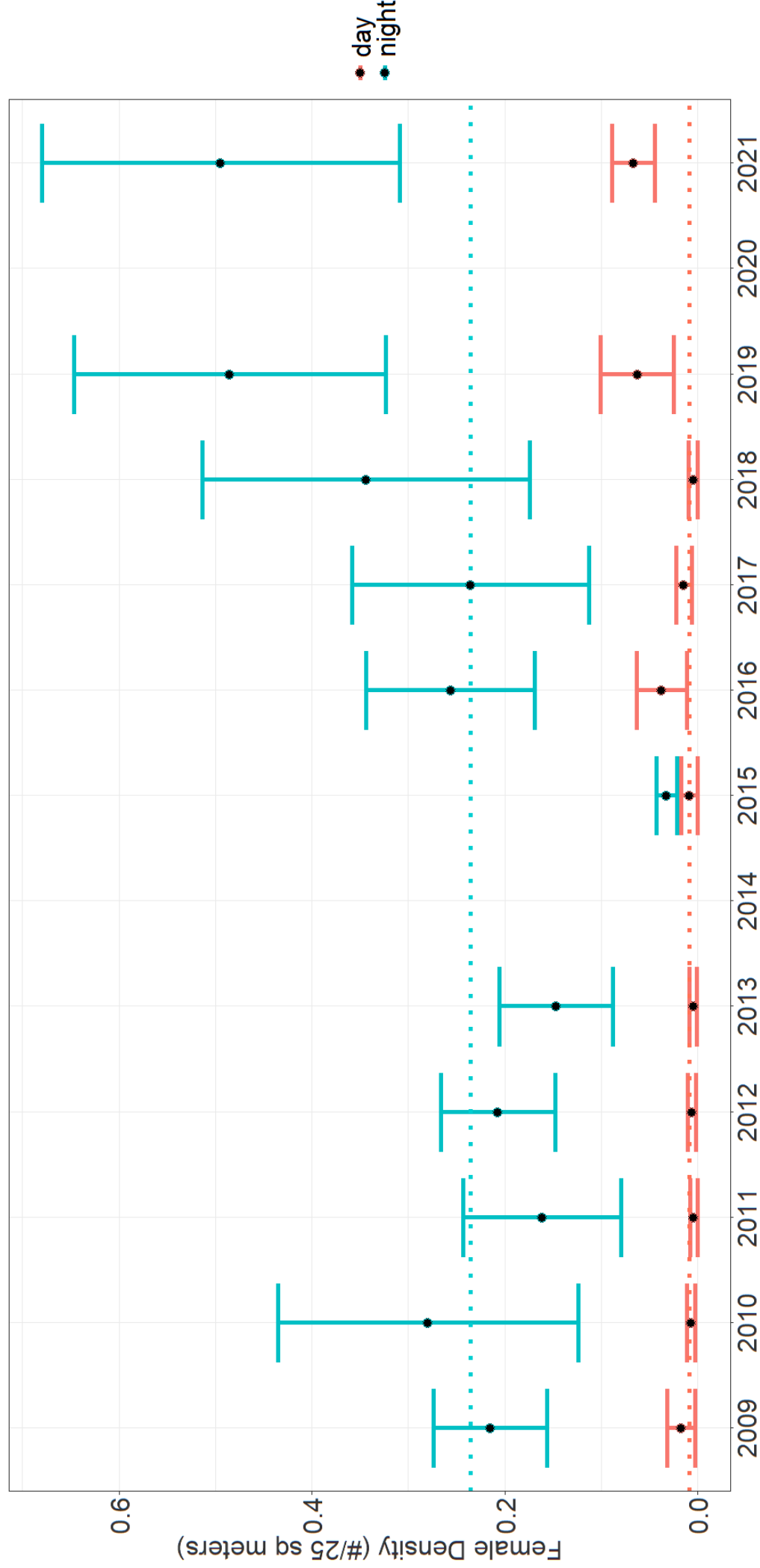
Swifts Beach



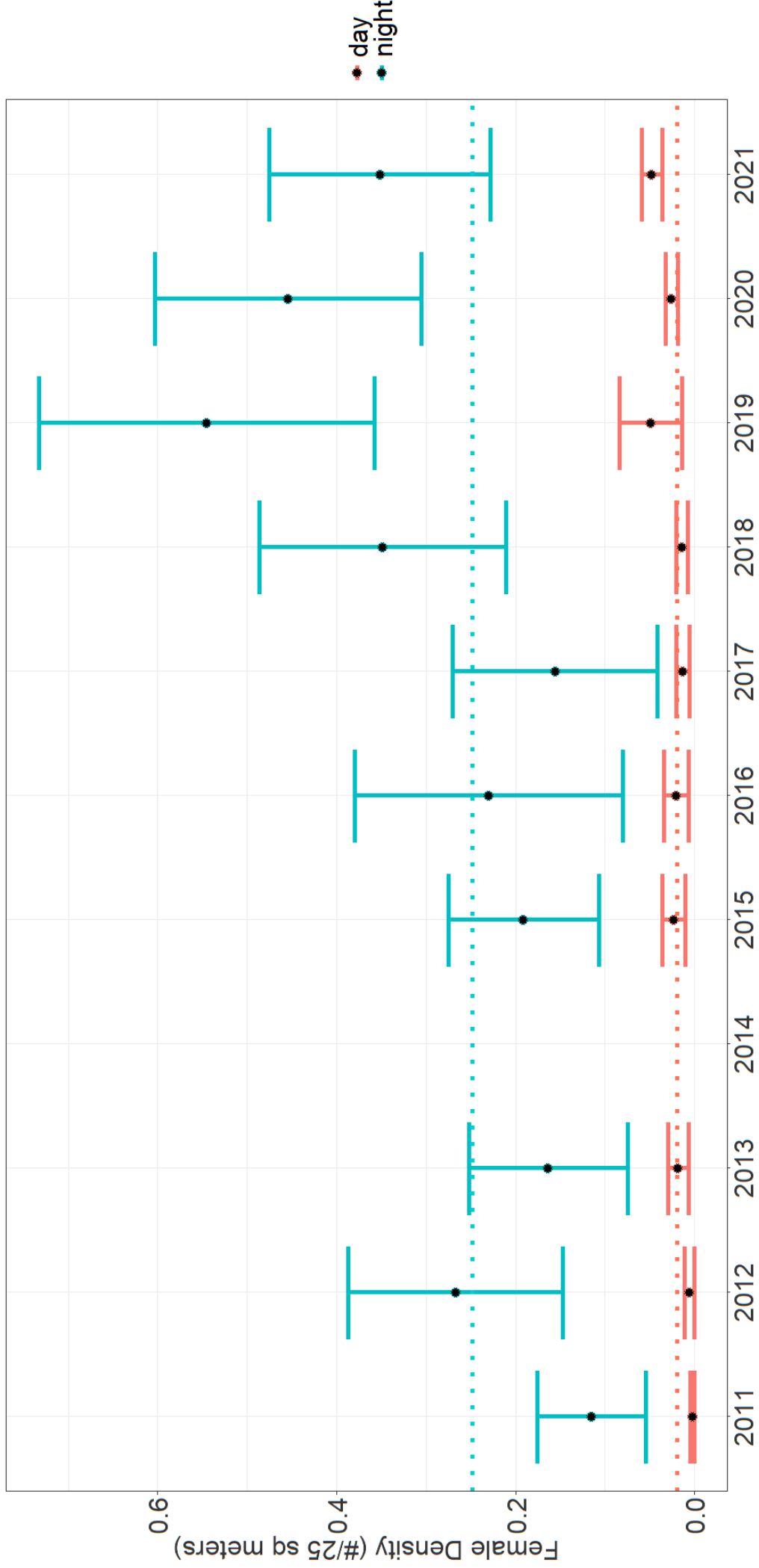
Tahanto



Tashmoo



Warren's





American Horseshoe Crab (*Limulus polyphemus*)

Meta-analysis used to determine quantitative trends in Gulf of Maine (New Hampshire), Mid-Atlantic, Southeast, Florida-Atlantic, and Northeast Gulf of México Regions

Data were available from 40 fishery-independent data sets covering Mid-Atlantic and Florida regions (New Hampshire to Florida; regions as defined above and in Figure 1) over a range of years. The fishery-independent data sets were selected by the Atlantic States Marine Fisheries Commission (ASMFC) for stock assessment (ASMFC; Sweka *et al.* 2013). ASMFC selects datasets that are overseen or conducted by state or federal agencies or academic institutions using standardized methodology and survey design. State agencies rely on these datasets to comply with ASMFC monitoring requirements. The basic data were individual counts of Horseshoe Crabs within sampling units; the demographic (age-class, sex) and temporal and spatial resolution of each dataset is described in Sweka *et al.* (2013: Appendix B) and summarized in Table 2.

We analyzed trends from each dataset and then used meta-analysis techniques to summarize inference at the regional or sub-regional level because the data came from many independent monitoring programs. We grouped the datasets from the Mid-Atlantic region into sub-regions because of geographic differences in harvest pressure and environmental conditions. The sub-regions were New England states (NH, RI, MA), New York area (CT, NY), and Delaware Bay area (NJ, DE, MD, VA). In addition, datasets represented the Southeastern (NC, SC, GA), Florida Atlantic (FL), and Gulf of México (FL) regions. There were no state-specific datasets from NC; however, data from an offshore monitoring program (SEAMAP) included waters off the NC coast. The time series varied among the datasets. The New England area included the longest time series, with one data set from 1959 and several that started in the 1970s. Data sets from the New York and Delaware Bay areas started in the late 1980s. Data sets from the Southeast included several that started in the mid-1990s.

The objective of the meta-analysis of regional trends was to determine change in horseshoe crab populations during the periods defined by the available data. The trend analyses involved fitting a linear regression to the data, which had been standardized by subtracting the mean and dividing by the standard deviation. Standardization was required for the trend analysis results based on individual datasets to be combined using meta-analysis techniques.

We used the following three meta-analysis techniques described by Manly (2001:123-125):

- Fisher's method addressed the hypothesis that at least one of the indices showed a significant decline. The test statistic was calculated by $S_1 = -2 \sum \ln(p_i)$ where p_i was the one-tailed p-value that tested for a significantly negative regression slope for the i^{th} index.
- Stouffer's method addressed the hypothesis that there was a consensus for a decline supported by the set of indices. Here the individual one-tailed p-values were converted to z-scores, which under the null hypothesis were distributed as a Normal random variable with mean of zero and a variance of $1/\sqrt{n}$, where n was the number of datasets. The test statistic was $S_2 = \bar{z}/(1/\sqrt{n})$. A version of the Stouffer's method incorporated weighting into the calculation of the test statistic. We used a measure of precision (the inverse of the root mean square error, i.e., the RMSE) as the weight (w_i). The weighted test statistic was $S_3 = (\sum w_i z_i) / \sqrt{\sum w_i^2}$.
- A weighted standardized slope along with confidence intervals addressed the hypothesis that the datasets showed a significant decline on average. We used a measure of precision as the weight (inverse of the RMSE) so that the datasets with the higher precision received greater weight. The calculation of the weighted slope was $\bar{b}_w = \sum w_i b_i / \sum w_i$, where b_i was the slope for the i^{th} dataset. The standard error was $(\bar{b}_w) = \sqrt{\sum w_i (b_i - \bar{b}_w)^2 / (\sum w_i (n - 1))}$. The t-distribution was used to calculate confidence intervals.

Results indicated that there have been significant declines in at least one dataset in all areas except the Southeast and Florida as evidenced by test S_1 (Table 3). The breadth of decline was evidenced by S_2 , S_3 , and weighted slope, which all indicate that breadth of declines was highest in the New England area and diminished generally from the northern to southeastern areas with indications of negative slopes for Florida Atlantic and Northeast Gulf regions (Table 3 and Figure 4). The uncertainty in the Florida Atlantic estimates was high, in part, because of the low number of and variation in trends among available datasets (Figure 4). Although the sub-regional level inference for Florida Atlantic suggested no significant decline in the Horseshoe Crab population, the datasets from Jacksonville indicated an embayment-specific decline.

For those regions or sub-regions with negative weighted slope (i.e., Gulf of Maine (NH), New England area, New York area, Northeast Gulf region), population reduction over 40 years, which approximates three generations based on age-structured population models (Sweka *et al.* 2007), can be projected assuming the current linear trends continue and the index represents population abundance. The formula used for this projection was

$$\text{Percent projected population change} = ((1 + \lambda^{40}) - 1) * 100,$$

Where λ denoted weighted slope and 40 years coincided with three generations. Continuation of these negative trends would result in projected population reductions of 100% in Gulf of Maine (NH), 92% in New England, 11% in New York, 55% in Florida Atlantic, and 32% in Northeast Gulf of México. Although not accounting for carrying capacity limits to population growth, projections indicate population increases in the Delaware Bay of 116% and in the Southeast region of 218% over 40 years.



Figure 1. Range map for the American Horseshoe Crab (*Limulus polyphemus*), including genetically-defined regions used in the IUCN Red List assessment. Shading is included to contrast each region and indicate geographic extent.

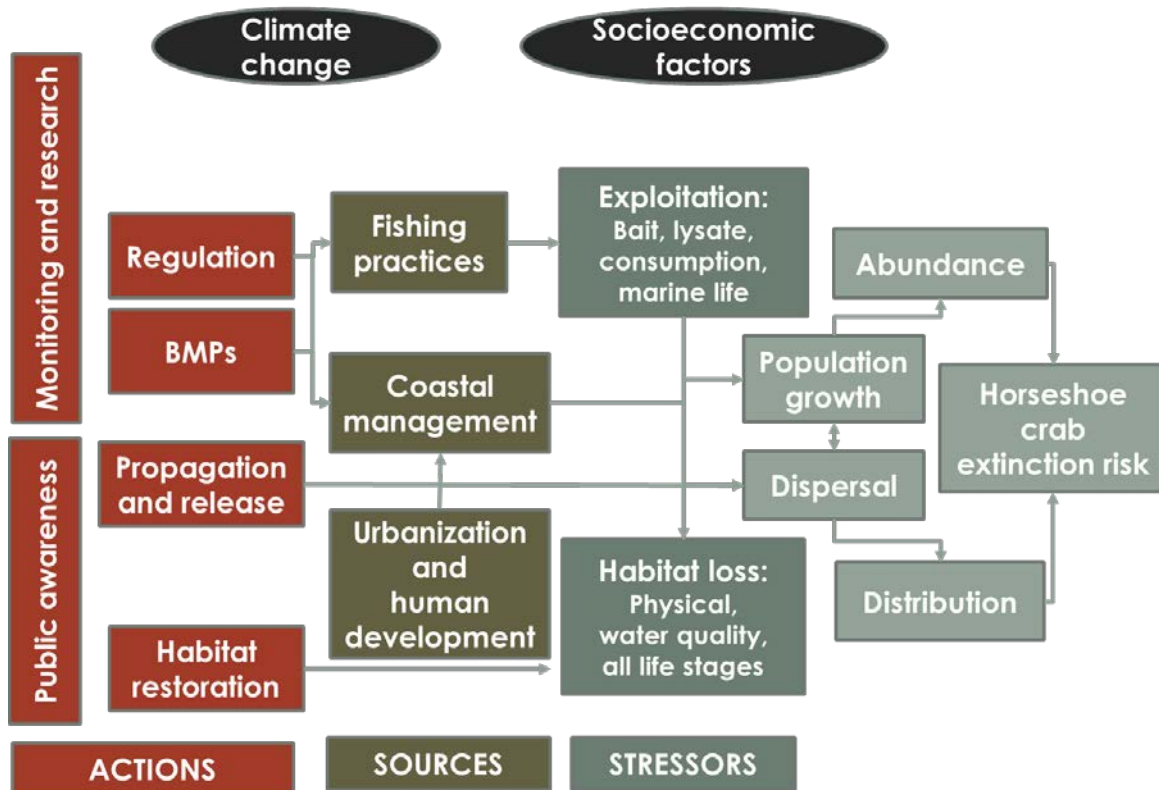


Figure 2. Conceptual model (influence diagram) for the American Horseshoe Crab assessment showing influence of stressors, sources, and actions on population extinction risk. Population risk determines regional risk, which rolls up to determine species level extinction risk.

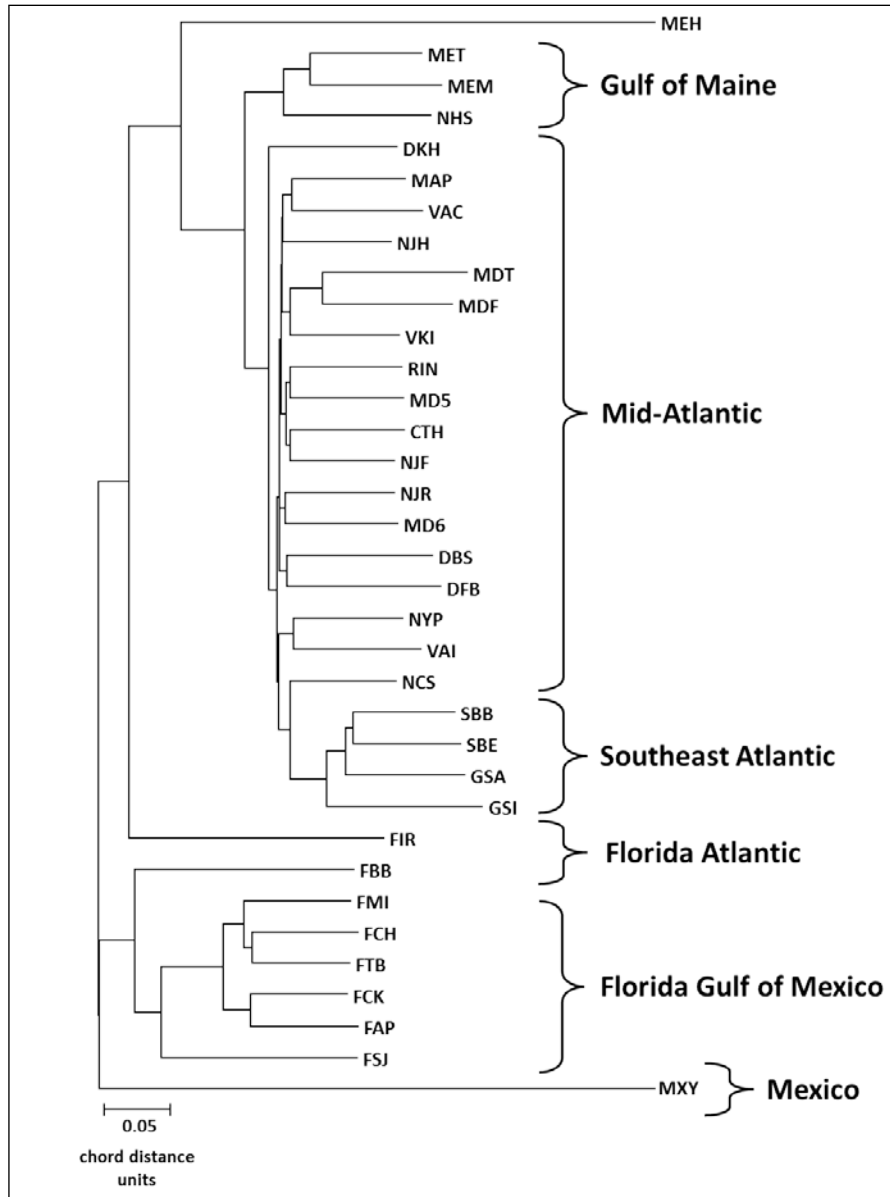


Figure 3. Neighbour-joining phenogram depicting genetic distance (chord, Cavalli-Sforza and Edwards 1967) among 35 *Limulus polyphemus* collections sampled from the Atlantic and Gulf coasts of the United States and Ria Lagartos and San Felipe, Yucatán, Republic of México. Brackets group collections into suggested management units. Abbreviations for spawning site collections are found in Table 1.

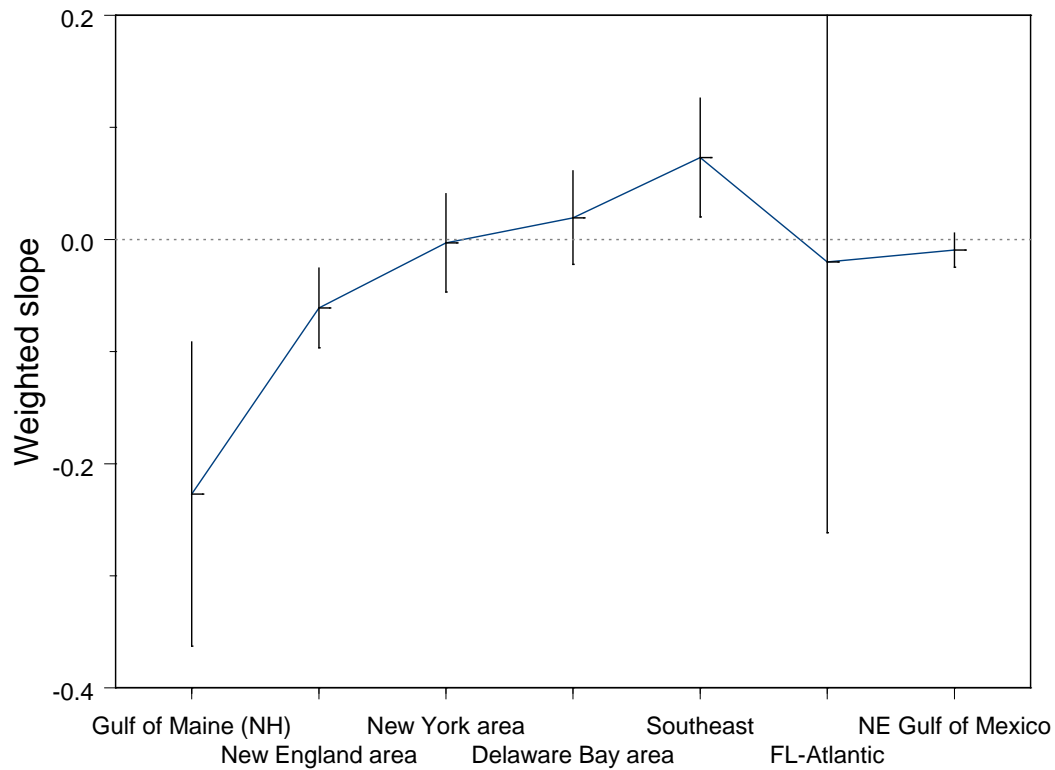


Figure 4. Weighted standardized slope with 90% confidence bars from meta-analyses of multiple datasets from New Hampshire (NH) in the Gulf of Maine region to the Northeast (NE) Gulf of México region with time series spanning different years. Regions and areas with regions are described in the text and in Figure 1. The datasets were grouped and oriented generally north to south on the x-axis. The datasets from Gulf of Maine New Hampshire are from the Great Bay. The New England, New York, and Delaware Bay constitute areas within the Mid-Atlantic region. The Southeast, Florida Atlantic, and Northeast Gulf are separate regions.

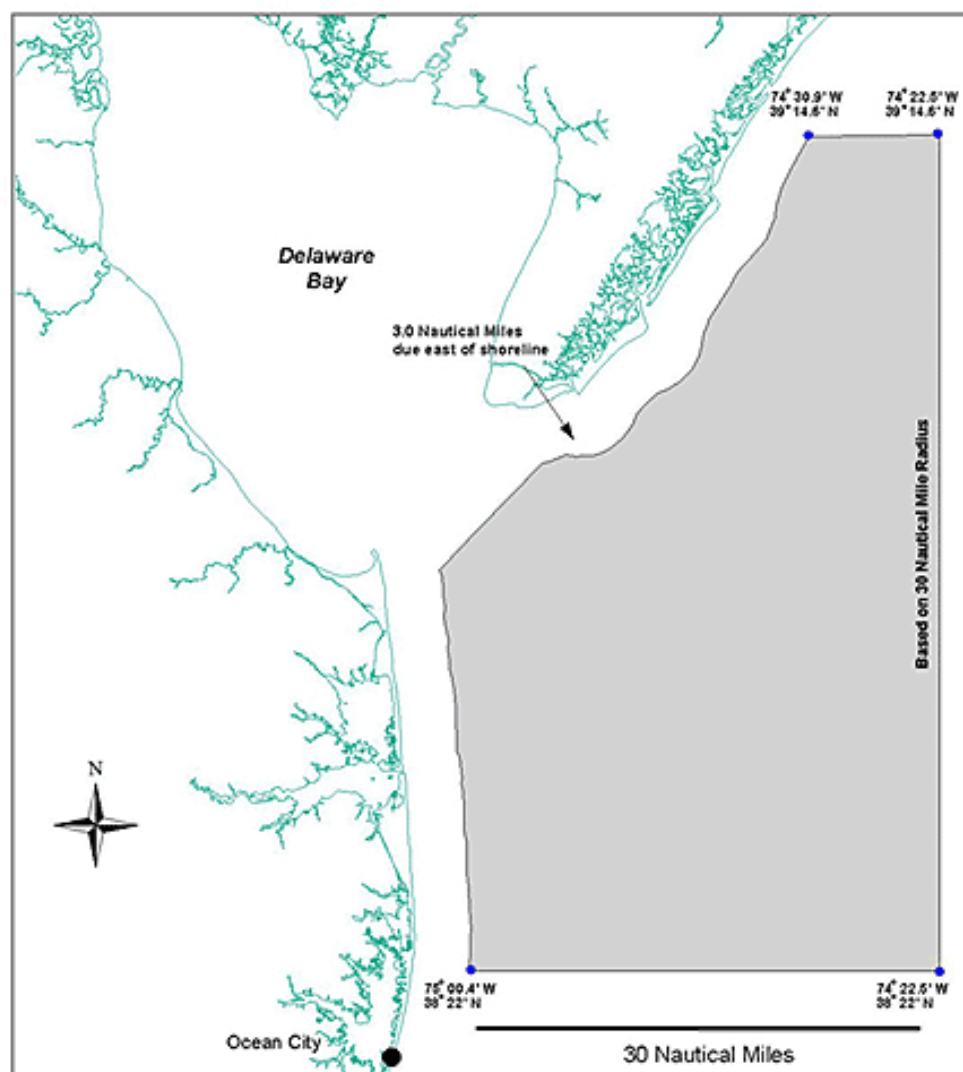


Figure 5. The Carl N. Shuster Jr. Horseshoe Crab Reserve (gray area) off the mouth of Delaware Bay, which is a marine protected area where harvest of Horseshoe Crabs is prohibited.

Table 1. Abbreviation, general location, and sample size for 35 spawning and 5 near- or off-shore dredge or trawl collections of horseshoe crabs *Limulus polyphemus* genotyped at 13 microsatellite DNA loci to assess population structuring.

Abbreviation	Spawning collection site	Sample size
MEH	Hog Bay, Franklin, Maine	47
MET	Thomas Point Beach, Maine	45
MEM	Middle Bay, Brunswick, Maine	48
NHS	Chadman's Landing, Squamscott River, New Hampshire	48
MAP	Pleasant Bay, Massachusetts	48
RIN	Green Island, Narragansett Bay, Rhode Island	48
CTH	Housatonic River, Milford Point. Connecticut	48
NYP	Great Peconic Bay, Long Island, New York	48
NJF	Fortescue Beach, New Jersey	48
NJR	Reeds Beach, New Jersey	48
NJH	Highs Beach, New Jersey	49
DHK	Kitt's Hummock Beach, Delaware	36
DBS	Big Stone Beach, Delaware	31
DFB	Fowler Beach, Delaware	47
MDT	Turkey Point, Chesapeake Bay, Maryland	30
MDF	Flag Pond State Park, Chesapeake Bay, Maryland	29
MD5	Ocean City, Maryland – 2005	48
MD6	Ocean City, Maryland – 2006	48
VAC	Chincoteague, Virginia	48
VKI	Kiptopeke St. Park, Chesapeake Bay, Virginia	48
VAI	Tom's Cove, Assateague Island, Virginia	48
NCS	Shackleford Banks, North Carolina	55
SBB	Bull's Bay, South Carolina	53
SBE	Beaufort, South Carolina	48
GSA	Savannah, Georgia	48
GSI	Sapelo Island, Georgia	32
FIR	Indian River, Florida (Atlantic coast)	47
FBB	Biscayne Bay	20
FMI	Tiger Tail Beach, Marco Island, Florida (Gulf coast)	81
FCH	Charlotte Harbor, Florida	51
FTB	Tampa Bay, Florida	201
FCK	Seahorse Key, Cedar Keys NWR, Florida	132

Abbreviation	Spawning collection site	Sample size
FAP	Alligator Point, Apalachicola Bay, Florida	92
FSJ	St. Joseph Bay, Florida	23
MXY	Ria Lagartos and San Felipe, Yucatán, Mexico	20
Subtotal		1,841
<i>Near- or Off-shore Dredge or Trawling Collection</i>		
NYL	Offshore Long Island, New York (trawl)	46
NJC	Offshore Cape May Inlet, New Jersey (trawl)	48
MOC	Ocean City, Maryland (trawl)	48
VCH	Chincoteague Island (commercial dredge)	46
FWS	US Fish and Wildlife Service Cruise 2007 (trawl)	48
Subtotal		236
TOTAL		2,077

Table 2. Summary of fishery-independent data used in the quantitative trend analysis, data are separated by sub-region within genetically distinct regions including the Gulf of Maine, Mid-Atlantic, Southeast Atlantic, Florida Atlantic, and Northeastern Gulf of Mexico. Additional details can be found in Sweka *et al.* (2013: Appendix B).

Region	Dataset	Years of data	Survey method (dredge, trawl, beach count, etc.)	Notes
Gulf of Maine, New Hampshire	New Hampshire spawning survey	2001 - 2012	Spawning count	Counts along three 100 m beaches in Great Bay, NH during new and full moons May through September
Mid-Atlantic: New England area	Massachusetts (MA) University of RI (URI) Marine Research Inc (MRI) Power plant (PR) RI DFW (DFW) Stout (ST)	<ul style="list-style-type: none"> (MA) 1978-2012 (URI) 1959-2012 (MRI) 1988-2012 (DFW) 1998-2012 (PR) 1992-2012 (ST) 1975-2012 	<ul style="list-style-type: none"> (MA, URI, MRI, DFW) trawl (PR, ST) count 	<ul style="list-style-type: none"> (MA) stratified random; 94 stations per year; spring and fall (URI) fixed station; 2 sampled weekly for 12 months (MRI) fixed station; 60-70 tows per 6 month period; April-October (DFW) stratified random component and fixed station component; 84 stratified random (split spring and fall), 150 fixed stations about 13 per month; year round (PR) fixed site; 3 water intakes at power station; 3 counts per week; year round (ST) fixed site; 2 ponds; 1 count per year during spawning season
Mid-Atlantic: New York area	New York: Peconic Bay (PB), Jamaica Bay (JB), Little Neck Bay (LNB), Manhasset (MH) Connecticut Long Island Sound (LIS)	<ul style="list-style-type: none"> (PB, JB, LNB, MH) 1987-2012 (LIS) 1992-2012 	<ul style="list-style-type: none"> (PB, LIS) trawl (JB, LNB, MH) seine 	<ul style="list-style-type: none"> (PB) constrained random; 16 stations; May-October (JB, LNB, MH) fixed site; 5 to 10 seine sites per beach per sampling trip; May-October (LIS) stratified random; 40 per month; spring (April-June) and fall (September-October)
Mid-Atlantic: Delaware Bay area	New Jersey trawl (NJ) Delaware trawl (DE) Delaware Bay spawning survey (DB) Ocean trawl (OC)	<ul style="list-style-type: none"> (NJ) 1998-2012 (DE) 1990-2012 (DB) 1999-2012 (OC) 2002-2011 	<ul style="list-style-type: none"> (NJ) trawl (DE) trawl (DB) spawning count (OC) trawl 	<ul style="list-style-type: none"> Adult males, adult females, and juveniles analyzed separately (NJ) Fixed stations; 11 per month; April-October (DE) Fixed stations; 16 foot trawl: 40 per month; August-October; 30 foot trawl: 9 per month; April-July (DB) 24 accessible beaches throughout DB; 12 nights per year; 100 quadrats per night; May-June (OC) stratified random stations NJ to VA from shore to 12 NM; 40-50 stations; September-October

Region	Dataset	Years of data	Survey method (dredge, trawl, beach count, etc.)	Notes
Southeast	South Carolina (SC), Georgia (GA), Southeast Area Monitoring and Assessment Program (SEAMAP)	<ul style="list-style-type: none"> • (SC) 1995-2012 • (GA) 1999-2012 • (SEAMAP) 1998-2008 	Trawl	<ul style="list-style-type: none"> • (SC) Fixed stations; 200 per year; March-June, October and December • (GA) Fixed stations; 36 per month; monthly • (SEAMAP) Stratified random, fixed stations; 78 per season; spring (April-May), summer (July-August), fall (October-November)
Florida Atlantic	Jacksonville (JX), Indian River (IR), Tequesta (TQ)	<ul style="list-style-type: none"> • (IR & TQ) 1997-2013 • (JX) 2001-2013 	Seine	Multiple samples per month
Northeast Gulf	Apalachicola (AP), Cedar Key (CK), Charlotte Harbor (CH)	<ul style="list-style-type: none"> • (AP) 1998-2013 • (CK) 1997-2013 • (CH) 1996-2013 	Seine	Multiple samples per month

Table 3. Meta-analysis of trends based on 40 datasets ranging from New Hampshire (NH) in the Gulf of Maine to Northeast (NE) Gulf of México. The datasets were grouped by region, and for the Mid-Atlantic region, the datasets were further subdivided into sub-regions to reflect differences in harvest pressure and environmental condition. The number of years covered by each dataset varied. Definitions of the test statistics are in text.

Region	Sub-region	S ₁ : Tests whether at least one of datasets shows decline			S ₂ : Tests whether there is a consensus for decline among datasets			S ₃ : Like S ₂ , but weights inverse to RMSE		Weighted slope: Estimates an overall standardized slope weighted inverse to RMSE. Shown with 90% confidence intervals					
		S ₁	df	Pr(X ₂ >S ₁ df)	z-bar	S ₂	Pr(Z<S ₂)	wt z-bar	S ₃	Pr(Z<S ₃)	Weighted slope	Variance	SE	LCL	UCL
Gulf of Maine	Great Bay, NH	19.5505	4	0.0006	-2.4073	-3.4044	0.0003	-2.4277	-3.4333	0.0003	-0.2271	0.0005	0.0215	-0.3627	-0.0914
	New England	121.5815	14	0.0000	-2.9998	-7.9367	0.0000	-3.6450	-9.6438	0.0000	-0.0610	0.0003	0.0183	-0.0966	-0.0255
	New York	23.3928	12	0.0246	-0.2029	-0.4970	0.3096	-0.3513	-0.8605	0.1948	-0.0030	0.0005	0.0218	-0.0469	0.0408
	Delaware Bay	72.2429	32	0.0001	0.1231	0.4924	0.6888	-0.1231	-0.4923	0.3113	0.0194	0.0006	0.0237	-0.0222	0.0611
Southeast		17.2080	18	0.5088	0.4672	1.4015	0.9195	1.0831	3.2494	0.9994	0.0294	0.0006	0.0253	-0.0178	0.0765
FL-Atlantic		10.5370	6	0.1038	-0.3499	-0.6061	0.2722	-0.4099	-0.7100	0.2389	-0.0200	0.0068	0.0827	-0.2614	0.2215
NE Gulf of Mexico		5.1771	6	0.5213	-0.1877	-0.3252	0.3725	-0.1883	-0.3261	0.3722	-0.0094	0.0000	0.0052	-0.0246	0.0058

Table 4. State-specific bait harvest quotas based on Addendum IV of the Atlantic States Marine Fisheries Commission's (ASMFC) Fishery Management Plan for Horseshoe Crabs. Addendum IV was enacted in 2006. Average reported landings (animals) are shown for 2008 to 2012.

State	Landings in 1998	ASMFC harvest quota enacted 2006	Average landings (2008-2012)
Maine	13,500	13,500	0
New Hampshire	350	350	8
Massachusetts	440,503	330,377 ^a	86,197
Rhode Island	26,053	26,053 ^a	15,744
Connecticut	64,919	48,689	26,618
New York	488,362	366,272 ^a	142,380
New Jersey	604,049	100,000 ^{a,b}	0
Pennsylvania	0	0	0
Delaware	482,401	100,000 ^b	92,488
Maryland	613,225	170,653 ^b	166,083
Virginia	203,326	152,495 ^b	141,544
North Carolina	24,036	24,036	23,826
South Carolina	0	0	0
Georgia	29,312	29,312	0
Florida	9,455	9,455	209
Coastwide	2,999,491	1,371,192	695,096

a = States have set a more conservative quota

b = New adaptive management quota set annually

Table 5. Sex-specific bait harvest quota (animals) for Delaware Bay area states based on adaptive resource management framework adopted in 2012 by the Atlantic States Marine Fisheries Commission.

State	Delaware Bay Origin Quota		Total Quota	
	Male	Female	Male	Female
Delaware	162,136	0	162,136	0
New Jersey	162,136	0	162,136	0
Maryland	141,112	0	255,980	0
Virginia	34,615	0	81,331	0

Addendum 3

Spawning Horseshoe Crabs
King Arthur Road
Duxbury-Saquish Marsh
July 21, 2022, 6:30 PM



Add a Caption

Thursday • Jul 21, 2022 • 6:30 PM
IMG_8707

[Adjust](#)

Apple iPhone 13

HEIF



Add a Caption

Thursday • Jul 21, 2022 • 6:40 PM
IMG_8708

[Adjust](#)



Addendum 2

Horseshoe Crab Spawning
Nauset Beach, Eastern Shore of Pleasant Bay
July 9, 1979

"We did shoot the spawning sequence in the NOVA film on July 9th when there were hundreds of crabs spawning. That was when he got out to film but we also felt it was near the peak of spawning. All these shots were taken on July 9th, 1979."—Bill Sargent, *The Sea behind the Dunes*



Photos courtesy Bill Sargent



Addendum 4

When the Horseshoe Crabs Are Gone, We'll Be in Trouble

Feb. 16, 2023



By Deborah Cramer

Ms. Cramer is the author of “The Narrow Edge,” about red knots’ migration and horseshoe crabs.

Anyone who gets a flu or Covid shot, childhood immunization, heart stent or hip replacement — and that’s almost everyone — is protected from exposure to potentially lethal contaminants known as endotoxins by a test that uses what might seem like an odd ingredient: the blue blood of the horseshoe crab.

Endotoxins are a worry in medicine. They exist in the cell walls of certain bacteria and can be released when the bacteria break down or die. These toxins can send a patient into a tailspin of fever, chills, septic shock and death.

To keep patients safe, pharmaceutical companies run roughly 70 million tests a year on injectable medicines and implants for the presence of these toxins with a substance called limulus amebocyte lysate. It is an extract of cells from horseshoe crab blood and can identify even infinitesimal amounts of the toxin by reacting with it. No other natural substance is known to work as well.

The problem is that horseshoe crabs are in trouble. Their numbers are declining — “a finite source with potentially infinite demand,” as one pharmaceutical executive told Agence France-Presse last year, “and those two things are mutually exclusive.”

A cloned alternative to using horseshoe crab blood, known as rFC, for recombinant factor C — the endotoxin-sensitive enzyme in the blood — came on the market in 2003 with one supplier. A second manufacturer began producing it in 2013. But nearly 10 years later, no standards have been set for the use of rFC by U.S. Pharmacopeia, the nonprofit scientific organization that sets the legally recognized standards for the strength, purity and quality of medicines manufactured and distributed in the United States. It’s been a bumpy road.

U.S.P. has proposed two sets of standards for rFC since 2019. The first was withdrawn. A second proposal was released in 2020 and was under review by an expert committee assembled by U.S.P. But last September U.S.P. dismissed that committee. In explaining the decision, it cited “fundamental issues with the dynamic of this group that resulted in an inability to work collaboratively and productively, impeding the standards-setting process.”

Addendum 4

U.S.P. has just convened a new expert committee, which is meeting for the first time this week. Hopefully, the committee will set standards for rFC so drug makers will be able to use the synthetic test without facing the possibility of what they say can be protracted and expensive testing to win approval by the Food and Drug Administration in the absence of U.S.P. standards. U.S.P.'s chief science officer, Jaap Venema, said, "We have made it very clear it is a top priority." He added that the new committee would "weigh the available scientific evidence and stakeholder input to determine the appropriate way to include L.A.L. alternatives in our standards."

Horseshoe crabs have survived five mass extinctions over 475 million years, but today they are gravely threatened worldwide by human exploitation.

In Asia, where horseshoe crabs are killed for food and for their blood, they face extinction from "relentless and unrelenting" threats from humans, according to the International Union for the Conservation of Nature, which tracks trends in wildlife populations worldwide. Horseshoe crab numbers have plummeted in large swaths of China and are declining rapidly in Vietnam, leaving American horseshoe crabs, also diminished in numbers, to fill the growing gap.

Editors' Picks

In the United States, fishermen take some 1.4 million each year, killing almost half for use as bait. Pharmaceutical companies capture and extract blood from the other 700,000 to make the endotoxin test before releasing them to the sea. Up to 30 percent may die as a result. Many others never make it to shore to lay their eggs.

The International Union for the Conservation of Nature considers horseshoe crabs in the United States vulnerable to extinction along much of the East Coast and endangered in New England. Over 20 years of regulation of the horseshoe crab fishery by coastal states has failed to restore these ancient animals to their former abundance.



Credit...Tanawat Pontchour/iStock, via Getty Images

Their decline also poses a threat to migratory shorebirds like red knots, which depend on the energy-rich horseshoe crab eggs they consume on beaches in South Carolina and along the Delaware Bay during their spring refueling stops as they head north from Tierra del Fuego, at South America's southernmost tip, to the Arctic.

To protect these creatures and the birds that depend on them, coastal states should prohibit these crabs from being harvested for bait, as the South Carolina Legislature did in 1991 and the New Jersey Legislature did in 2008.

Addendum 4

And U.S.P. must fulfill its role and set standards for using rFC. As progress at U.S.P. has stalled, its counterpart in Europe has already given rFC the green light, and regulators in Japan have published guidance for using rFC.

At the drug maker Eli Lilly, the biologist Jay Bolden, a longtime birder concerned about the futures of both the horseshoe crab and the transcontinental red knot, began leading the company through an F.D.A. process to use rFC in 2013. Lilly — along with the drug makers Sanofi Pasteur, Pfizer and Roche — has compiled voluminous data demonstrating that rFC is equivalent to or better than limulus amebocyte lysate and more reliable. Today, Lilly uses rFC in eight of its manufacturing facilities and for all its new injectable drugs.

Sanofi Pasteur, Pfizer and Roche, sharing Lilly's concerns about the depletion of horseshoe crabs, are also making the long transition to using rFC. A green light from U.S.P. would save drug makers "weeks of laboratory validation tests and documentation for every new product and subsequent F.D.A. regulatory review and approval," according to Ned Mozier, a vice president at Pfizer.

Which is why many other pharmaceutical companies are waiting for U.S.P. to act.

Christopher Earl, a retired biopharmaceutical venture capitalist, told me that U.S.P.'s failure to determine that rFC can be used interchangeably with the test using horseshoe crab blood, without additional testing and validation, "is the single most important factor limiting further conversion" to the synthetic test.

"We know that multiple biopharmaceutical and biotechnology companies are eager to test rFC with the goal of replacing" the current test, he said, but U.S.P. needs to act.

And that's where things stand today, as the spring spawning season for horseshoe crabs is about to begin. The animals will gather in large numbers to lay their eggs on beaches along the East Coast, where fishermen taking the crabs for bait and blood will scrape them from the seafloor with trawls or pull them from the beaches as they come in to lay their eggs.

Evelyn Der, a microbiologist overseeing work on the synthetic rFC test at Roche, one of the world's largest drug companies, wrote me, saying that "relying on the ancient horseshoe crab" for endotoxin testing "is not sustainable." She added that "rFC adoption for endotoxin testing is imperative to spare the lives of horseshoe crabs and other dependent species."

As the work of U.S.P.'s new expert committee gets underway, horseshoe crabs continue to face serious threats along much of the Eastern Seaboard.

In South Carolina, fishermen taking horseshoe crabs for bleeding have been emptying them from beaches designated to protect wildlife. On Long Island, scientists monitoring horseshoe crabs last spring and summer counted the fewest spawning on the fewest beaches in 20 years. Delaware Bay beaches are no longer suffused with horseshoe crab eggs.

After millions of horseshoe crabs were removed from the Eastern Seaboard in the 1990s, the population of migrating red knots crashed, resulting in the U.S. Fish and Wildlife Service listing the bird as threatened. Crab egg densities in New Jersey have yet to recover, the number of knots is still depleted, and populations of other shorebirds relying on the eggs are also tanking, some by at least 85 percent since 1980.

Addendum 4

To protect the public health, pharmaceutical companies need an unlimited source for endotoxin tests that doesn't depend on a wild animal. The world has only so many horseshoe crabs. It's time for us to let them be.

Deborah Cramer is the author of "The Narrow Edge: A Tiny Bird, an Ancient Crab, and an Epic Journey."