



MASSWILDLIFE

DIVISION OF FISHERIES & WILDLIFE

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[MASS.GOV/MASSWILDLIFE](https://www.mass.gov/masswildlife)

COMMONWEALTH OF MASSACHUSETTS
DIVISION OF FISHERIES AND WILDLIFE
PUBLIC HEARING NOTICE
321 CMR 10.90

In accordance with the Mass. Gen. Laws, Chapter 131A, Section 4, and Ch. 30A, Sec. 2, NOTICE is hereby given that the Division of Fisheries and Wildlife will hold an online public hearing on Tuesday, April 9, 2024, at 1:00 p.m., via a Zoom video webinar with the Hearing Officer, MassWildlife staff, and the public joining via computer or phone line. The proposal is to amend the list of species of animals and plants protected by the Massachusetts Endangered Species Act. Interested persons can participate in the hearing and provide oral comments in the webinar. Attendees can enter and exit the webinar at any time.

The proposed regulatory amendments relative to 321 CMR 10.90 and the instructions for how to join the webinar are posted at [Mass.gov/MassWildlife/Hearings](https://www.mass.gov/MassWildlife/Hearings) so that interested persons can review the proposals and provide written comments prior to the hearing and oral comments during the public-comment portion of the online hearing. They are also provided here:

Join from a PC, Mac, iPad, iPhone or Android device:

Please click this URL to join:

<https://us02web.zoom.us/j/83444505762?pwd=bXg0VkZnZWRRRTnRONmFzclhka0s2UT09>

Passcode: 045400

Or join by phone: Dial (929) 205-6099

Webinar ID: 834 4450 5762

Passcode: 045400

Written public comments will be accepted for 2 weeks after the hearing, until Tuesday, April 23, 2024, at 5:00 p.m.

Please note: If you have a disability or medical condition and would like to request special accommodation or if you will require language interpretation services, please contact Susan Sacco via email at your earliest convenience: susan.sacco@mass.gov.

Mark S. Tisa, Ph.D., M.B.A.
Director

MASSWILDLIFE

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

PART V: LISTS, DESIGNATED SIGNIFICANT HABITATS

10.90: List of Endangered, Threatened, and Special Concern Species

(1) Introduction. The list in 321 CMR 10.90 contains the names of all species of plants and animals which have been determined to be Endangered, Threatened, or of Special Concern pursuant to M.G.L. c. 131A and 321 CMR 10.03.

(2) List Format. The columns entitled "Common Name" and "Scientific Name" define the species listed. In the "Status" columns the following symbols are used: "E" for Endangered, "T" for Threatened, and "SC" for Special Concern. The status defined under the "MA" column denotes the official status of the species in Massachusetts pursuant to M.G.L. c.131A and 321 CMR 10.00. The status under the "US" column is the status of the species under the federal Endangered Species Act at the time of the latest revision of 321 CMR 10.00 and is given for informational purposes only. Recent changes in the federal list might not be reflected in 321 CMR 10.90. The U.S. Fish and Wildlife Service should be consulted for official and up to date information on the federal status of any species. Inquiries may be made by writing to U.S. Fish and Wildlife Service, 70 Commercial Street, Suite 300, Concord, NH 03301-5087. The "Taxonomic Group" column of the list is included for the purpose of organization. The "Notes" column directs the reader to footnotes which further define or clarify the status of a species or alternative names of species.

(3) Organization of the List. The list is generally organized according to the relationship of the listed species as determined by the science of taxonomy, which groups and categorizes species that are similar on the basis of shared evolutionary descent. The most basic division in the list is between animals and plants. Within animals the list is divided between vertebrates (animals with backbones) and invertebrates (animals without backbones). Within vertebrates and invertebrates, the list is further divided into categories which are generally recognized, such as fish, mammals, and dragonflies. All such information has no regulatory effect and is provided only for the purpose of organizing the list. The following outline shows the taxonomic categories used and their order.

10.90: continued

Outline of State List:

ANIMALS

Vertebrates

Fish

Amphibians

Reptiles

Birds

Mammals

Invertebrates

Sponges

Flatworms

Segmented Worms

Snails

Mussels

Crustaceans

Dragonflies

Damselflies

Beetles

Butterflies and Moths

Bees

PLANTS

(4) The List. The Massachusetts List of Endangered, Threatened, and Special Concern species follows:

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		Notes
		MA	US	
VERTEBRATES				
Fish				
Shortnose Sturgeon	<i>Acipenser brevirostrum</i>	E	E	
Atlantic Sturgeon	<i>Acipenser oxyrinchus</i>	E		
Longnose Sucker	<i>Catostomus catostomus</i>	SC		
Northern Redbelly Dace	<i>Chrosomus eos</i>	E		
Lake Chub	<i>Couesius plumbeus</i>	E		
Threespine Stickleback	<i>Gasterosteus aculeatus</i>	T		1
Eastern Silvery Minnow	<i>Hybognathus regius</i>	SC		
American Brook Lamprey	<i>Lethenteron appendix</i>	T		
Burbot	<i>Lota lota</i>	SC		
Bridle Shiner	<i>Notropis bifrenatus</i>	SC		
Amphibians				
Jefferson Salamander (complex)	<i>Ambystoma jeffersonianum</i>	SC		2
Blue-spotted Salamander (complex)	<i>Ambystoma laterale</i> pop. 1	SC		3
Blue-spotted Salamander	<i>Ambystoma laterale</i> pop. 2	T		4
Marbled Salamander	<i>Ambystoma opacum</i>	T		
Eastern Spadefoot	<i>Scaphiopus holbrookii</i>	T		
Reptiles				
Copperhead	<i>Agkistrodon contortrix</i>	E		
Loggerhead Sea Turtle	<i>Caretta caretta</i>	T	T	
Eastern Wormsnake	<i>Carphophis amoenus</i>	T		
Green Sea Turtle	<i>Chelonia mydas</i>	T	T	
Timber Rattlesnake	<i>Crotalus horridus</i>	E		
Leatherback Sea Turtle	<i>Dermochelys coriacea</i>	E	E	
Blanding's Turtle	<i>Emydoidea blandingii</i>	T		
Atlantic Hawksbill Sea Turtle	<i>Eretmochelys imbricata</i>	E	E	
Wood Turtle	<i>Glyptemys insculpta</i>	SC		
Bog Turtle	<i>Glyptemys muhlenbergii</i>	E	T	
Eastern Hog-nosed Snake	<i>Heterodon platirhinos</i>	SC		
Kemps's Ridley Sea Turtle	<i>Lepidochelys kempii</i>	E	E	
Northern Diamond-backed Terrapin	<i>Malaclemys terrapin</i>	T		
Eastern Ratsnake	<i>Pantherophis alleghaniensis</i>	E		
Northern Red-bellied Cooter	<i>Pseudemys rubriventris</i>	E	E	5
Eastern Box Turtle	<i>Terrapene carolina</i>	SC		

¹ Trimorphic freshwater population only.

² Complex consisting of the genetically pure lineage and its associated unisexual forms (statewide).

³ "Population 1"; complex consisting of the genetically pure lineage and its associated unisexual forms (jurisdictions outside Bristol and Plymouth Counties).

⁴ "Population 2"; consists of the genetically pure lineage (Bristol and Plymouth Counties only).

⁵ This species is listed by the U.S. Fish & Wildlife Service as *P.r. bangsi* (Plymouth Redbelly Turtle) in 50 CFR 17.11.

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		Notes
		MA	US	
VERTEBRATES: continued				
Birds				
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	T		
Saltmarsh Sparrow	<i>Ammospiza caudacuta</i>	SC		
Eastern Whip-poor-will	<i>Antrostomus vociferus</i>	SC		
Short-eared Owl	<i>Asio flammeus</i>	E		
Long-eared Owl	<i>Asio otus</i>	SC		
Upland Sandpiper	<i>Bartramia longicauda</i>	E		
American Bittern	<i>Botaurus lentiginosus</i>	E		
Red Knot	<i>Calidris canutus</i>	T	T	
Piping Plover	<i>Charadrius melodus</i>	T	T	
Northern Harrier	<i>Circus hudsonius</i>	T		
Sedge Wren	<i>Cistothorus platensis</i>	E		
Peregrine Falcon	<i>Falco peregrinus</i>	SC		
Common Gallinule	<i>Gallinula galeata</i>	SC		
Common Loon	<i>Gavia immer</i>	SC		
Mourning Warbler	<i>Geothlypis philadelphia</i>	SC		
Bald Eagle	<i>Haliaeetus leucocephalus</i>	SC		
Least Bittern	<i>Ixobrychus exilis</i>	E		
Leach's Storm-petrel	<i>Oceanodroma leucorhoa</i>	E		
Pied-billed Grebe	<i>Podilymbus podiceps</i>	E		
Vesper Sparrow	<i>Pooecetes gramineus</i>	T		
King Rail	<i>Rallus elegans</i>	T		
Northern Parula	<i>Setophaga americana</i>	T		
Blackpoll Warbler	<i>Setophaga striata</i>	SC		
Roseate Tern	<i>Sterna dougallii</i>	E	E	
Common Tern	<i>Sterna hirundo</i>	SC		
Arctic Tern	<i>Sterna paradisaea</i>	SC		
Least Tern	<i>Sternula antillarum</i>	SC		
Eastern Meadowlark	<i>Sturnella magna</i>	SC		
Barn Owl	<i>Tyto alba</i>	SC		
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	E		
Mammals				
Sei Whale	<i>Balaenoptera borealis</i>	E	E	
Blue Whale	<i>Balaenoptera musculus</i>	E	E	
Fin Whale	<i>Balaenoptera physalus</i>	E	E	
North Atlantic Right Whale	<i>Eubalaena glacialis</i>	E	E	
<u>Eastern Red Bat</u>	<u><i>Lasiurus borealis</i></u>	<u>SC</u>		
<u>Hoary Bat</u>	<u><i>Lasiurus cinereus</i></u>	<u>SC</u>		
<u>Silver-haired Bat</u>	<u><i>Lasionycteris noctivagans</i></u>	<u>SC</u>		
Humpback Whale	<i>Megaptera novaeangliae</i>	E		
Eastern Small-footed Bat	<i>Myotis leibii</i>	E		
Little Brown Bat	<i>Myotis lucifugus</i>	E		
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	E	FE	
Indiana Bat	<i>Myotis sodalis</i>	E	E	
Tricolored Bat	<i>Perimyotis subflavus</i>	E		
Sperm Whale	<i>Physeter macrocephalus</i>	E	E	
Rock Shrew	<i>Sorex dispar</i>	SC		
Water Shrew	<i>Sorex palustris</i>	SC		
Southern Bog Lemming	<i>Synaptomys cooperi</i>	SC		

E = Endangered, T = Threatened, SC = Special Concern

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		Notes
		MA	US	
INVERTEBRATES				
Sponges				
Smooth Branched Sponge	<i>Spongilla aspinosa</i>			SC
Flatworms				
Sunderland Spring Planarian	<i>Seidlia remota</i>			SC
Segmented Worms				
New England Medicinal Leech	<i>Macrobdeella sestertia</i>			SC
Snails				
New England Siltsnail	<i>Floridobia winkleyi</i>			SC
Henscomb Hydrobe	<i>Littoridinops tenuipes</i>			SC
Boreal Marstonia	<i>Marstonia lustrica</i>			E
Slender Walker	<i>Pomatiopsis lapidaria</i>			E
Mossy Valvata	<i>Valvata sincera</i>			E
Mussels				
Dwarf Wedgemussel	<i>Alasmidonta heterodon</i>	E		E
Brook Floater	<i>Alasmidonta varicosa</i>	E		
Tidewater Mucket	<i>Atlanticoncha</i> <i>Leptodea</i> <i>ochracea</i>	SC		
Yellow Lampmussel	<i>Lampsilis cariosa</i>	E		
Eastern Pondmussel	<i>Sagittunio</i> <i>Ligumia</i> <i>nasutanasutus</i>	SC		
Creepers	<i>Strophitus undulatus</i>	SC		
Crustaceans				
Intricate Fairy Shrimp	<i>Eubranchipus intricatus</i>			SC
Agassiz's Clam Shrimp	<i>Eulimnadia agassizii</i>			E
Northern Spring Amphipod	<i>Gammarus pseudolimnaeus</i>			SC
American Clam Shrimp	<i>Limnadia lenticularis</i>			SC
Coastal Swamp Amphipod	<i>Sicifera</i> <i>Synurella</i> <i>chamberlaini</i>			SC
Taconic Cave Amphipod	<i>Stygobromus borealis</i>			E
Piedmont Groundwater Amphipod	<i>Stygobromus tenuis</i>			SC
Dragonflies				
Subarctic Darner	<i>Aeshna subarctica</i>			E
Ocellated Darner	<i>Boyeria grafiana</i>			SC
Midland Clubtail	<i>Gomphurus fraternus</i>			E
Skillet Clubtail	<i>Gomphurus ventricosus</i>			T
Spine-crowned Clubtail	<i>Hylogomphus abbreviatus</i>			SC
Brook Snaketail	<i>Ophiogomphus aspersus</i>			SC
Riffle Snaketail	<i>Ophiogomphus carolus</i>			T
Harpoon Clubtail	<i>Phanogomphus descriptus</i>			E
Rapids Clubtail	<i>Phanogomphus quadricolor</i>			E
Ski-tipped Emerald	<i>Somatochlora elongata</i>			SC
Forcipate Emerald	<i>Somatochlora forcipata</i>			E
Coppery Emerald	<i>Somatochlora georgiana</i>			E
Incurvate Emerald	<i>Somatochlora incurvata</i>			E
Kennedy's Emerald	<i>Somatochlora kennedyi</i>			E
Mocha Emerald	<i>Somatochlora linearis</i>			SC
Riverine Clubtail	<i>Stylurus amnicola</i>			E
Ebony Boghaunter	<i>Williamsonia fletcheri</i>			E
Ringed Boghaunter	<i>Williamsonia lintneri</i>			T

E = Endangered, T = Threatened, SC = Special Concern

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Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status			Notes
		MA	US		
INVERTEBRATES: continued					
Damselflies					
Tule Bluet	<i>Enallagma carunculatum</i>	SC			
Attenuated Bluet	<i>Enallagma daeckii</i>	T			
Scarlet Bluet	<i>Enallagma pictum</i>	T			
Pine Barrens Bluet	<i>Enallagma recurvatum</i>	T			
Beetles					
Twelve-spotted Tiger Beetle	<i>Cicindela duodecimguttata</i>	SC			
Claybank Tiger Beetle	<i>Cicindela limbalis</i>	T			
Barrens Tiger Beetle	<i>Cicindela patruela</i>	E			
Purple Tiger Beetle	<i>Cicindela purpurea</i>	SC			
Cobblestone Tiger Beetle	<i>Cicindelidia</i> <i>Cicindela marginipennis</i>	E			
Hentz's Red-bellied Tiger Beetle	<i>Cicindelidia</i> <i>Cicindela rufiventris hentzii</i>	T			
Puritan Tiger Beetle	<i>Ellipsoptera</i> <i>Cicindela puritana</i>	E	T		
Northeastern Beach Tiger Beetle	<i>Habroscelimorpha</i> <i>Cicindela dorsalis</i>	E	T		
American Burying Beetle	<i>Nicrophorus americanus</i>	E	E ^T		
Butterflies and Moths					
Coastal Heathland Cutworm	<i>Abagrotis benjamini</i>	SC			
Barrens Dagger Moth	<i>Acronicta albarufa</i>	T			
Drunk Apamea Moth	<i>Apamea inebriata</i>	SC			
Phyllira Tiger Moth	<i>Apantesis phyllira</i>	E			
New Jersey Tea Inchworm	<i>Apodrepanulatrix liberaria</i>	E			
Hessel's Hairstreak	<i>Callophrys hesseli</i>	SC			
Frosted Elfin	<i>Callophrys irus</i>	SC			
Bog Elfin	<i>Callophrys lanoraieensis</i>	T			
Herodias Underwing Moth	<i>Catocala herodias</i>	SC			
Precious Underwing Moth	<i>Catocala pretiosa</i>	E			
Waxed Sallow Moth	<i>Chaetagnaea cerata</i>	SC			
Melsheimer's Sack Bearer	<i>Cicinnus melsheimeri</i>	T			
Chain Dot Geometer	<i>Cingilia catenaria</i>	SC			
Collared Cycnia	<i>Cycnia collaris</i>	T			
The Pink Streak	<i>Dargida rubripennis</i>	T			
Imperial Moth	<i>Eacles imperialis</i>	T			
Early Hairstreak	<i>Erora laeta</i>	T			
Persius Duskywing	<i>Erynnis persius</i>	E			
Scrub Euchlaena	<i>Euchlaena madusaria</i>	SC			
Dion Skipper	<i>Euphyes dion</i>	T			
Slender Clearwing Sphinx Moth	<i>Hemaris gracilis</i>	SC			
Buck Moth	<i>Hemileuca maia</i>	SC			
Sandplain Heterocampa	<i>Heterocampa varia</i>	T			
Buchholz's Gray	<i>Hypomecis buchholzaria</i>	E			
Pale Green Pinion Moth	<i>Lithophane viridipallens</i>	SC			
Twilight Moth	<i>Lycia rachelae</i>	E			
Woolly Gray	<i>Lycia ypsilon</i>	T			
Pine Barrens Speranza ^{Macaria}	<i>Speranza</i> ^{<i>Macaria</i>} <i>exonerata</i>	SC			
Barrens Metarranthis	<i>Metarranthis apiciaria</i>	E			
Heath Metarranthis	<i>Metarranthis pilosaria</i>	SC			
Northern Brocade Moth	<i>Neoligia semicana</i>	SC			
Pitcher Plant Borer	<i>Papaipema appassionata</i>	T			
Golden Borer Moth	<i>Papaipema</i> ^{<i>cerina</i>}	E			
Ostrich Fern Borer	<i>Papaipema sp. 2</i>	SC			1
Chain Fern Borer	<i>Papaipema stenocelis</i>	T			
Water-willow Stem Borer	<i>Papaipema sulphurata</i>	T			
Cordgrass Borer	<i>Photodes inops</i>	SC			

¹ Undescribed species near *P. pterisii*.

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		Notes
		MA	US	
INVERTEBRATES: continued				
Butterflies and Moths: continued				
Mustard White	<i>Pieris oleracea</i>	T		
Pink Sallow Moth	<i>Psectraglaea carnosus</i>	SC		
Southern Ptichodis	<i>Ptichodis bistrigata</i>	T		
Orange Sallow Moth	<i>Pyrrhia aurantiago</i>	SC		
<u>Acadian Hairstreak</u>	<u><i>Satyrium acadica</i></u>	<u>T</u>		
Faded Gray Geometer	<i>Stenoporpia polygrammaria</i>	T		
Dune Sympistis	<i>Sympistis riparia</i>	SC		
Pine Barrens Zale	<i>Zale lunifera</i>	SC		2
Pine Barrens Zanclognatha	<i>Zanclognatha martha</i>	SC		
Bees				
<u>Parnassia Miner-</u>	<u><i>Andrena parnassiae</i></u>	<u>T</u>		
Walsh's Anthophora	<i>Anthophora walshii</i>	E		
American Bumble Bee	<i>Bombus pensylvanicus</i>	E		
Yellow-banded Bumble Bee	<i>Bombus terricola</i>	T		
<u>Macropis Cuckoo Bee</u>	<u><i>Epeoloides pilosulus</i></u>	<u>T</u>		

² True *Z. lunifera*, sensu Schmidt, B.C. 2010. Taxonomic reassessment of *Zale lunifera* (Hübner) (Erebidae, Erebininae). *Zookeys* 39: 99-106.

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Massachusetts List of Endangered, Threatened, and Special Concern Species

PLANTS

Common Name	Scientific Name	Status		Notes
		MA	US	
Black Cohosh	<i>Actaea racemosa</i>	E		
Climbing Fumitory	<i>Adlumia fungosa</i>	SC		
Sandplain Gerardia	<i>Agalinis acuta</i>	E	E	
Purple Giant Hyssop	<i>Agastache scrophulariifolia</i>	E		
Lesser Snakeroot	<i>Ageratina aromatica</i>	E		
Small-flowered Agrimony	<i>Agrimonia parviflora</i>	E		
Downy Agrimony	<i>Agrimonia pubescens</i>	T		
Mountain Alder	<i>Alnus alnobetulaviridis</i> ssp. <i>crispa</i>	SC		
Bartram's Shadbush	<i>Amelanchier bartramiana</i>	T		
Round-leaved Shadbush	<i>Amelanchier sanguinea</i>	SC		
Annual Peanutgrass	<i>Amphicarpum amphicarpon</i>	E		
Northern Wild Comfrey	<i>Andersonglossum</i> <i>Cynoglossum virginianum</i> var. boreale	E		
Putty-root	<i>Aplectrum hyemale</i>	E		
Lyre-leaved Rock-cress	<i>Arabidopsis lyrata</i>	E		
Eastern Dwarf Mistletoe	<i>Arceuthobium pusillum</i>	SC		
Arethusa	<i>Arethusa bulbosa</i>	T		
Green Dragon	<i>Arisaema dracontium</i>	T		
Purple Needlegrass	<i>Aristida purpurascens</i>	T		
Seabeach Needlegrass	<i>Aristida tuberculosa</i>	T		
Purple Milkweed	<i>Asclepias purpurascens</i>	E		
Whorled Milkweed	<i>Asclepias verticillata</i>	T		
Mountain Spleenwort	<i>Asplenium montanum</i>	E		
Wall-rue Spleenwort	<i>Asplenium ruta-muraria</i>	T		
Swamp Birch	<i>Betula pumila</i>	E		
Eaton's Beggar-ticks	<i>Bidens eatonii</i>	E		
Estuary Beggar-ticks	<i>Bidens hyperborea</i>	E		
Downy Wood-mint	<i>Blephilia ciliata</i>	E		
Hairy Wood-mint	<i>Blephilia hirsuta</i>	E		
Smooth Rock-cress	<i>Borodinia</i> <i>Boechea</i> <i>laevigata</i>	SC		
Green Rock-cress	<i>Borodinia</i> <i>Boechea</i> <i>missouriensis</i>	T		
Pickering's Reedgrass	<i>Calamagrostis pickeringii</i>	E		
New England Northern Reed Grass	<i>Calamagrostis striatassp. -inexpansa</i>	E		
Upright Bindweed	<i>Calystegia spithamea</i>	E		
Fen Cuckoo-flower	<i>Cardamine dentata</i>	T		
Purple Cress	<i>Cardamine douglassii</i>	E		
Long's Bittercress	<i>Cardamine longii</i>	E		
Foxtail Sedge	<i>Carex alopecoidea</i>	T		
Back's Sedge	<i>Carex backii</i>	E		
Bailey's Sedge	<i>Carex baileyi</i>	T		
Bush's Sedge	<i>Carex bushii</i>	E		
Chestnut-colored Sedge	<i>Carex castanea</i>	E		
Creeping Sedge	<i>Carex chordorrhiza</i>	E		
Davis' Sedge	<i>Carex davisii</i>	E		
<u>Bog Sedge</u>	<u><i>Carex exilis</i></u>	<u>T</u>		
Handsome Sedge	<i>Carex formosa</i>	T		
Glaucous Sedge	<i>Carex glaucoidea</i>	E		
Slender Woodland Sedge	<i>Carex gracilescens</i>	E		
Gray's Sedge	<i>Carex grayi</i>	T		
Hitchcock's Sedge	<i>Carex hitchcockiana</i>	SC		
Shore Sedge	<i>Carex lenticularis</i>	T		
Livid Sedge	<i>Carex livida</i>	E		
False Hop Sedge	<i>Carex lupuliformis</i>	E		
Midland Sedge	<i>Carex mesochorea</i>	E		
Michaux's Sedge	<i>Carex michauxiana</i>	E		
Mitchell's Sedge	<i>Carex mitchelliana</i>	T		
Rich Woods Sedge	<i>Carex oligocarpa</i>	T		
Few-seeded Sedge	<i>Carex oligosperma</i>	E		
Few-flowered Sedge	<i>Carex pauciflora</i>	E		

E = Endangered, T = Threatened, SC = Special Concern

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

PLANTS

Common Name	Scientific Name	Status		
		MA	US	Notes
Variable Sedge	<i>Carex polymorpha</i>	E		
Schweinitz's Sedge	<i>Carex schweinitzii</i>	E		
Squarrose Sedge	<i>Carex squarrosa</i>	T		
Dioecious Sedge	<i>Carex sterilis</i>	T		
Walter's Sedge	<i>Carex striata</i>	E		
Fen Sedge	<i>Carex tetanica</i>	SC		
Hairy-fruited Sedge	<i>Carex trichocarpa</i>	SC		
Tuckerman's Sedge	<i>Carex tuckermanii</i>	E		
Cat-tail Sedge	<i>Carex typhina</i>	T		
<u>Willdenow's Sedge</u>	<u><i>Carex willdenowii</i></u>	<u>E</u>		
American Bittersweet	<i>Celastrus scandens</i>	T		
Nodding Chickweed	<i>Cerastium nutans</i>	E		
Devil's-bit	<i>Chamaelirium luteum</i>	E		
Fogg's Goosefoot	<i>Chenopodium foggii</i>	E		
Narrow-leaved Spring-beauty	<i>Claytonia virginica</i>	E		
Purple Clematis	<i>Clematis occidentalis</i>	SC		
Long-leaved Panic-grass	<i>Coleataenia longifolia</i> ssp. <i>longifolia</i>	T		
Hemlock-parsley	<i>Conioselinum chinense</i>	SC		
Autumn Coral-root	<i>Corallorhiza odontorhiza</i>	SC		
Shore Pygmy-weed	<i>Crassula aquatica</i>	T		
Bicknell's Hawthorn	<i>Crataegus bicknellii</i>	E		
<u>Split-leaved Hawthorn</u>	<u><i>Crataegus schizophylla</i></u>	<u>E</u>		
Appalachian Bristle-fern	<i>Crepidomanes intricatum</i>	E SC		
Fragile Rock-brake	<i>Cryptogramma stelleri</i>	E		
Engelmann's Flatsedge	<i>Cyperus engelmannii</i>	T		
Houghton's Flatsedge	<i>Cyperus houghtonii</i>	E		
<u>Pine Barrens Flatsedge</u>	<u><i>Cyperus retrorsus</i></u>	<u>SC</u>		
Dwarf Bulrush	<i>Lipocarpus mierantha</i> <u><i>Cyperus subsquarrosus</i></u>	T		
Ram's Head Lady's-slipper	<i>Cypripedium arietinum</i>	E		
Yellow Lady's-slipper	<i>Cypripedium parviflorum</i>	E		
Showy Lady's-slipper	<i>Cypripedium reginae</i>	E		
<u>Frog Orchid</u>	<u><i>Dactylorhiza viridis</i></u>	<u>E</u>		
Tussock Hairgrass	<i>Deschampsia cespitosa</i> ssp. <i>glauca</i>	E		
Large-bracted Tick-trefoil	<i>Desmodium cuspidatum</i>	T		
Mattamuskeet Rosette-grass	<i>Dichanthelium mattamuskeetense</i>	E		
Commons' Rosette-grass	<i>Dichanthelium commonsianum</i>	SC		
Rough Rosette-grass	<i>Dichanthelium scabriusculum</i>	T		
<u>Velvet Rosette-grass</u>	<u><i>Dichanthelium scoparium</i></u>	<u>E</u>		
Wright's Rosette-grass	<i>Dichanthelium wrightianum</i>	SC		
Saltpond Grass	<i>Diplachne</i> <u><i>Leptochloa fusea</i> ssp. <i>fascicularis</i></u>	T		
Cornel-leaved Aster	<i>Doellingeria infirma</i>	E		
American Waterwort	<i>Elatine americana</i>	E		
Wright's Spike-sedge	<i>Eleocharis diandra</i>	E		
Matted Spike-sedge	<i>Eleocharis intermedia</i>	T		
Tiny-fruited Spike-sedge	<i>Eleocharis microcarpa</i>	E		
Ovate Spike-sedge	<i>Eleocharis ovata</i>	E		
Few-flowered Spike-sedge	<i>Eleocharis quinqueflora</i>	E		
Three-angled Spike-sedge	<i>Eleocharis tricostata</i>	E		
Hairy Wild Rye	<i>Elymus villosus</i>	E		
Dwarf Scouring Rush	<i>Equisetum scirpoides</i>	SC		
Frank's Lovegrass	<i>Eragrostis frankii</i>	SC		
Parker's Pipewort	<i>Eriocaulon parkeri</i>	E		
Slender Cottongrass	<i>Eriophorum gracile</i>	T		
Muskflower	<i>Erythranthe moschata</i> <u><i>Mimulus moschatus</i></u>	T		
New England Boneset	<i>Eupatorium novae-angliae</i>	E		
<u>Showy Orchid</u>	<u><i>Galearis spectabilis</i></u>	<u>T</u>		
Northern Bedstraw	<i>Galium boreale</i>	E		
Labrador Bedstraw	<i>Galium labradoricum</i>	T		

E = Endangered, T = Threatened, SC = Special Concern

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

PLANTS

Common Name	Scientific Name	Status		
		MA	US	Notes
Purple Cudweed	<i>Gamochaeta purpurea</i>	E		
Andrews' Bottle Gentian	<i>Gentiana andrewsii</i>	E		
Barren Strawberry	<i>Geum fragarioides</i>	SC		
Dwarf Rattlesnake-plantain	<i>Goodyera repens</i>	E		
Spurred Gentian	<i>Halenia deflexa</i>	E		
Long-leaved Bluet	<i>Houstonia longifolia</i>	E		
Appalachian Firmoss	<i>Huperzia appressa</i>	E		
Mountain Firmoss	<i>Huperzia selago</i>	E		
Golden Seal	<i>Hydrastis canadensis</i>	E		
Saltpond Pennywort	<i>Hydrocotyle verticillata</i>	T		
Broad Waterleaf	<i>Hydrophyllum canadense</i>	E		
Creeping St. John's-wort	<i>Hypericum adpressum</i>	T		
Giant St. John's-wort	<i>Hypericum ascyron</i>	E		
St. Andrew's Cross	<i>Hypericum stragulum</i>	E		
Big-leaved Holly	<i>Ilex montana</i>	E		
Acadian Quillwort	<i>Isoetes acadensis</i>	E		
Lake Quillwort	<i>Isoetes lacustris</i>	E		
Small Whorled Pogonia	<i>Isotria medeoloides</i>	E	T	
Two-flowered Rush	<i>Juncus biflorus</i>	T		
Weak Rush	<i>Juncus debilis</i>	E		
Thread Rush	<i>Juncus filiformis</i>	E		
Narrow False Oats	<i>Koeleria spicata</i> <i>Frisetum spicatum</i>	E		
Redroot	<i>Lachnanthes caroliniana</i>	SC		
Beaded Pinweed	<i>Lechea pulchella</i> var. <i>moniliformis</i>	E		
Sea Lyme-grass	<i>Leymus mollis</i>	E		
New England Blazing Star	<i>Liatris novae-angliae</i>	SC		
American Twinflower	<i>Linnaea borealis</i>	SC		
Stiff Yellow Flax	<i>Linum medium</i> var. <i>texanum</i>	T		
Lily-leaf Twayblade	<i>Liparis liliifolia</i>	T		
<u>Loesel's Wide-lipped Orchid</u>	<u><i>Liparis loeselii</i></u>	<u>T</u>		
Great Blue Lobelia	<i>Lobelia siphilitica</i>	E		
Hairy Honeysuckle	<i>Lonicera hirsuta</i>	E		
Many-fruited Seedbox	<i>Ludwigia polycarpa</i>	E		
Round-fruited Seedbox	<i>Ludwigia sphaerocarpa</i>	E		
<u>Wild Lupine</u>	<u><i>Lupinus perennis</i></u>	<u>SC</u>		
Black-fruited Woodrush	<i>Luzula parviflora</i> ssp. <i>melanocarpa</i>	E		
Foxtail Clubmoss	<i>Lycopodiella alopecuroides</i>	E		
Taperleaf Water-horehound	<i>Lycopus rubellus</i>	E		
Climbing Fern	<i>Lygodium palmatum</i>	SC		
<u>Winged Loosestrife</u>	<u><i>Lythrum alatum</i></u>	<u>E</u>		
Sweet Bay	<i>Magnolia virginiana</i>	E		
Bayard's Adder's-mouth	<i>Malaxis bayardii</i>	E		
White Adder's-mouth	<i>Malaxis monophyllos</i> ssp. <i>brachypoda</i>	E		
Green Adder's-mouth	<i>Malaxis unifolia</i>	T		
Oysterleaf	<i>Mertensia maritima</i>	E		
Woodland Millet	<i>Milium effusum</i>	T		
Winged Monkey-flower	<i>Mimulus alatus</i>	E		
Large-leaved Sandwort	<i>Moehringia macrophylla</i>	E		
One-flowered Pyrola	<i>Moneses uniflora</i>	SC		
Red Mulberry	<i>Morus rubra</i>	E		
Slender Water-milfoil	<i>Myriophyllum alterniflorum</i>	E		
Farwell's Water-milfoil	<i>Myriophyllum farwellii</i>	E		
Pinnate Water-milfoil	<i>Myriophyllum pinnatum</i>	SC		
Whorled Water-milfoil	<i>Myriophyllum verticillatum</i>	E		
Lion's Foot	<i>Nabalus serpentarius</i>	E		
Southern Twayblade	<i>Neottia bifolia</i>	T		
Heartleaf Twayblade	<i>Neottia cordata</i>	E		
Tiny Cow-lily	<i>Nuphar microphylla</i>	E		
Upland White Goldenrod	<i>Oligoneuron album</i>	E		

E = Endangered, T = Threatened, SC = Special Concern

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

PLANTS

Common Name	Scientific Name	Status		
		MA	US	Notes
Adder's Tongue Fern	<i>Ophioglossum pusillum</i>	T		
Prickly-pear Cactus Eastern Prickly Pear	<i>Opuntia cespitosa</i>	E		
Eastern Prickly Pear	<i>Opuntia humifusa</i>	E		
Golden Club	<i>Orontium aquaticum</i>	E		
Violet Wood-sorrel	<i>Oxalis violacea</i>	E		
American Ginseng	<i>Panax quinquefolius</i>	SC		
Gattinger's Panic-grass	<i>Panicum philadelphicum</i> ssp. <i>gattingeri</i>	SC		
Philadelphia Panic-grass	<i>Panicum philadelphicum</i> ssp. <i>philadelphicum</i>	SC		
Silverling	<i>Paronychia argyrocoma</i>	E		
Swamp Lousewort	<i>Pedicularis lanceolata</i>	E		
Hairy Beard-tongue	<i>Penstemon hirsutus</i>	E		
Pondshore Smartweed	<i>Persicaria puritanorum</i>	SC		
Swamp Smartweed	<i>Persicaria setacea</i>	T		
Sweet Coltsfoot	<i>Petasites frigidus</i> var. <i>palmatus</i>	E		
Crested Fringed Orchid	<i>Platanthera cristata</i>	E		
Leafy White Orchid	<i>Platanthera dilatata</i>	T		
Pale Green Orchid	<i>Platanthera flava</i> var. <i>herbiola</i>	T		
<u>Hooker's Orchid</u>	<u><i>Platanthera hookeri</i></u>	<u>E</u>		
<u>Large-leaved Orchid</u>	<u><i>Platanthera macrophylla</i></u>	<u>T</u>		
<u>Round-leaved Orchid</u>	<u><i>Platanthera orbiculata</i></u>	<u>T</u>		
Drooping Speargrass	<i>Poa saltuensis</i> ssp. <i>languida</i>	E		
Sea-beach Knotweed	<i>Polygonum glaucum</i>	SC		
Braun's Holly-fern	<i>Polystichum braunii</i>	E		
Swamp Cottonwood	<i>Populus heterophylla</i>	E		
Tuckerman's Pondweed	<i>Potamogeton confervoides</i>	T		
Fries' Pondweed	<i>Potamogeton friesii</i>	E		
Hill's Pondweed	<i>Potamogeton hillii</i>	SC		
Ogden's Pondweed	<i>Potamogeton ogdenii</i>	E		
Straight-leaved Pondweed	<i>Potamogeton strictifolius</i>	E		
Vasey's Pondweed	<i>Potamogeton vaseyi</i>	E		
Sandbar Cherry	<i>Prunus pumila</i> var. <i>depressa</i>	T		
<u>Slender Clubmoss</u>	<u><i>Pseudolycopodiella caroliniana</i></u>	<u>E</u>		
Pink Pyrola Shinleaf	<i>Pyrola asarifolia</i>	E		
Bur Oak	<i>Quercus macrocarpa</i>	SC		
Yellow Oak	<i>Quercus muehlenbergii</i>	T		
Small-flowered Buttercup	<i>Ranunculus micranthus</i>	E		
Bristly Buttercup	<i>Ranunculus pensylvanicus</i>	SC		
Maryland Meadow-beauty	<i>Rhexia mariana</i>	E		
Great Laurel	<i>Rhododendron maximum</i>	T		
Capillary Beaksedge	<i>Rhynchospora capillacea</i>	E		
Inundated Beaksedge	<i>Rhynchospora inundata</i>	T		
Short-beaked Beaksedge	<i>Rhynchospora nitens</i>	T		
Long-beaked Beaksedge	<i>Rhynchospora scirpoides</i>	SC		
Torrey's Beaksedge	<i>Rhynchospora torreyana</i>	E		
Bristly Black Currant	<i>Ribes lacustre</i>	SC		
Northern Prickly Rose	<i>Rosa acicularis</i> ssp. <i>sayi</i>	E		
Toothcup	<i>Rotala ramosior</i>	E		
Seabeach Dock	<i>Rumex pallidus</i>	T		
Swamp Dock	<i>Rumex verticillatus</i>	T		
Slender Marsh Pink	<i>Sabatia campanulata</i>	E		
Plymouth Gentian	<i>Sabatia kennedyana</i>	SC		
Sea Pink	<i>Sabatia stellaris</i>	E		
Michaux's Sandwort	<i>Sabulina</i> <i>Minuartia michauxii</i>	T		
Wapato	<i>Sagittaria cuneata</i>	T		
Estuary Arrowhead	<i>Sagittaria montevidensis</i> ssp. <i>spongiosa</i>	E		
Terete Arrowhead	<i>Sagittaria teres</i>	SC		
Sandbar Willow	<i>Salix exigua</i> ssp. <i>interior</i>	T		
Canadian Sanicle	<i>Sanicula canadensis</i>	T		

E = Endangered, T = Threatened, SC = Special Concern

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species
PLANTS

Common Name	Scientific Name	Status		Notes
		MA	US	
Clustered Sanicle	<i>Sanicula odorata</i>	T		
Pod-grass	<i>Scheuchzeria palustris</i>	E		
American Chaffseed	<i>Schwalbea americana</i>	E	E	
Northeastern Bulrush	<i>Scirpus ancistrochaetus</i>	E	E	
Long's Bulrush	<i>Scirpus longii</i>	T		
Papillose Nut-sedge	<i>Scleria pauciflora</i>	E		
Tall Nut-sedge	<i>Scleria triglomerata</i>	E		
One-flower Sclerolepis	<i>Sclerolepis uniflora</i>	E		
Wild Senna	<i>Senna hebecarpa</i>	E		
Bristly Foxtail	<i>Setaria parviflora</i>	SC		
Sandplain Blue-eyed Grass	<i>Sisyrinchium fuscatum</i>	SC		
Slender Blue-eyed Grass	<i>Sisyrinchium mucronatum</i>	E		
Large-leaved Goldenrod	<i>Solidago macrophylla</i>	SC		
Rand's Goldenrod	<i>Solidago randii</i>	E		
Northern Mountain-ash	<i>Sorbus decora</i>	E		
Small Bur-reed	<i>Sparganium natans</i>	E		
Shining Wedgegrass	<i>Sphenopholis nitida</i>	T		
Swamp Oats	<i>Sphenopholis pennsylvanica</i>	T		
Hooded Ladies'-tresses	<i>Spiranthes romanzoffiana</i>	E		
Grass-leaved Ladies'-tresses	<i>Spiranthes vernalis</i>	T		
Salt Reedgrass	<i>Spartina</i> <i>Sporobolus cynosuroides</i>	T		
Small Dropseed	<i>Sporobolus neglectus</i>	E		
American Sea-blite	<i>Suaeda calceoliformis</i>	SC		
Snowberry	<i>Symphoricarpos albus</i> var. <i>albus</i>	E		
Eastern Silvery Aster	<i>Symphyotrichum concolor</i>	E		
Tradescant's Aster	<i>Symphyotrichum tradescantii</i>	T		
Arborvitae	<i>Thuja occidentalis</i>	E		
Cranefly Orchid	<i>Tipularia discolor</i>	E		
False Pennyroyal	<i>Trichostema brachiatum</i>	E		
Broad Tinker's-weed	<i>Triosteum perfoliatum</i>	E		
Nodding Pogonia	<i>Triphora trianthophoros</i>	E		
Northern Gama-grass	<i>Tripsacum dactyloides</i>	E		
Resupinate Bladderwort	<i>Utricularia resupinata</i>	T		
Slender Bladderwort	<i>Utricularia subulata</i>	SC		
Mountain Cranberry	<i>Vaccinium vitis-idaea</i>	E		
Narrow-leaved Vervain	<i>Verbena simplex</i>	E		
Sessile Water-speedwell	<i>Veronica catenata</i>	E		
Culver's-root	<i>Veronicastrum virginicum</i>	T		
Downy Arrow-wood	<i>Viburnum rafinesqueanum</i>	E		
Sand Violet	<i>Viola adunca</i>	SC		
Britton's Violet	<i>Viola brittoniana</i>	T		

E = Endangered, T = Threatened, SC = Special Concern

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

REGULATORY AUTHORITY

321 CMR 10.00: M.G.L. c. 131A.

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

PART V: LISTS, DESIGNATED SIGNIFICANT HABITATS

10.90: List of Endangered, Threatened, and Special Concern Species

(1) Introduction. The list in 321 CMR 10.90 contains the names of all species of plants and animals which have been determined to be Endangered, Threatened, or of Special Concern pursuant to M.G.L. c. 131A and 321 CMR 10.03.

(2) List Format. The columns entitled "Common Name" and "Scientific Name" define the species listed. In the "Status" columns the following symbols are used: "E" for Endangered, "T" for Threatened, and "SC" for Special Concern. The status defined under the "MA" column denotes the official status of the species in Massachusetts pursuant to M.G.L. c.131A and 321 CMR 10.00. The status under the "US" column is the status of the species under the federal Endangered Species Act at the time of the latest revision of 321 CMR 10.00 and is given for informational purposes only. Recent changes in the federal list might not be reflected in 321 CMR 10.90. The U.S. Fish and Wildlife Service should be consulted for official and up to date information on the federal status of any species. Inquiries may be made by writing to U.S. Fish and Wildlife Service, 70 Commercial Street, Suite 300, Concord, NH 03301-5087. The "Taxonomic Group" column of the list is included for the purpose of organization. The "Notes" column directs the reader to footnotes which further define or clarify the status of a species or alternative names of species.

(3) Organization of the List. The list is generally organized according to the relationship of the listed species as determined by the science of taxonomy, which groups and categorizes species that are similar on the basis of shared evolutionary descent. The most basic division in the list is between animals and plants. Within animals the list is divided between vertebrates (animals with backbones) and invertebrates (animals without backbones). Within vertebrates and invertebrates, the list is further divided into categories which are generally recognized, such as fish, mammals, and dragonflies. All such information has no regulatory effect and is provided only for the purpose of organizing the list. The following outline shows the taxonomic categories used and their order.

10.90: continued

Outline of State List:

ANIMALS

Vertebrates

Fish

Amphibians

Reptiles

Birds

Mammals

Invertebrates

Sponges

Flatworms

Segmented Worms

Snails

Mussels

Crustaceans

Dragonflies

Damselflies

Beetles

Butterflies and Moths

Bees

PLANTS

(4) The List. The Massachusetts List of Endangered, Threatened, and Special Concern species follows:

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10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		Notes
		MA	US	
VERTEBRATES				
Fish				
Shortnose Sturgeon	<i>Acipenser brevirostrum</i>	E	E	
Atlantic Sturgeon	<i>Acipenser oxyrinchus</i>	E		
Longnose Sucker	<i>Catostomus catostomus</i>	SC		
Northern Redbelly Dace	<i>Chrosomus eos</i>	E		
Lake Chub	<i>Couesius plumbeus</i>	E		
Threespine Stickleback	<i>Gasterosteus aculeatus</i>	T		1
Eastern Silvery Minnow	<i>Hybognathus regius</i>	SC		
American Brook Lamprey	<i>Lethenteron appendix</i>	T		
Burbot	<i>Lota lota</i>	SC		
Bridle Shiner	<i>Notropis bifrenatus</i>	SC		
Amphibians				
Jefferson Salamander (complex)	<i>Ambystoma jeffersonianum</i>	SC		2
Blue-spotted Salamander (complex)	<i>Ambystoma laterale</i> pop. 1	SC		3
Blue-spotted Salamander	<i>Ambystoma laterale</i> pop. 2	T		4
Marbled Salamander	<i>Ambystoma opacum</i>	T		
Eastern Spadefoot	<i>Scaphiopus holbrookii</i>	T		
Reptiles				
Copperhead	<i>Agkistrodon contortrix</i>	E		
Loggerhead Sea Turtle	<i>Caretta caretta</i>	T	T	
Eastern Wormsnake	<i>Carphophis amoenus</i>	T		
Green Sea Turtle	<i>Chelonia mydas</i>	T	T	
Timber Rattlesnake	<i>Crotalus horridus</i>	E		
Leatherback Sea Turtle	<i>Dermochelys coriacea</i>	E	E	
Blanding's Turtle	<i>Emydoidea blandingii</i>	T		
Atlantic Hawksbill Sea Turtle	<i>Eretmochelys imbricata</i>	E	E	
Wood Turtle	<i>Glyptemys insculpta</i>	SC		
Bog Turtle	<i>Glyptemys muhlenbergii</i>	E	T	
Eastern Hog-nosed Snake	<i>Heterodon platirhinos</i>	SC		
Kemps's Ridley Sea Turtle	<i>Lepidochelys kempii</i>	E	E	
Northern Diamond-backed Terrapin	<i>Malaclemys terrapin</i>	T		
Eastern Ratsnake	<i>Pantherophis alleghaniensis</i>	E		
Northern Red-bellied Cooter	<i>Pseudemys rubriventris</i>	E	E	5
Eastern Box Turtle	<i>Terrapene carolina</i>	SC		

¹ Trimorphic freshwater population only.

² Complex consisting of the genetically pure lineage and its associated unisexual forms (statewide).

³ "Population 1"; complex consisting of the genetically pure lineage and its associated unisexual forms (jurisdictions outside Bristol and Plymouth Counties).

⁴ "Population 2"; consists of the genetically pure lineage (Bristol and Plymouth Counties only).

⁵ This species is listed by the U.S. Fish & Wildlife Service as *P.r. bangsi* (Plymouth Redbelly Turtle) in 50 CFR 17.11.

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		Notes
		MA	US	
VERTEBRATES: continued				
Birds				
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	T		
Saltmarsh Sparrow	<i>Ammospiza caudacuta</i>	SC		
Eastern Whip-poor-will	<i>Antrostomus vociferus</i>	SC		
Short-eared Owl	<i>Asio flammeus</i>	E		
Long-eared Owl	<i>Asio otus</i>	SC		
Upland Sandpiper	<i>Bartramia longicauda</i>	E		
American Bittern	<i>Botaurus lentiginosus</i>	E		
Red Knot	<i>Calidris canutus</i>	T	T	
Piping Plover	<i>Charadrius melodus</i>	T	T	
Northern Harrier	<i>Circus hudsonius</i>	T		
Sedge Wren	<i>Cistothorus platensis</i>	E		
Peregrine Falcon	<i>Falco peregrinus</i>	SC		
Common Gallinule	<i>Gallinula galeata</i>	SC		
Common Loon	<i>Gavia immer</i>	SC		
Mourning Warbler	<i>Geothlypis philadelphia</i>	SC		
Bald Eagle	<i>Haliaeetus leucocephalus</i>	SC		
Least Bittern	<i>Ixobrychus exilis</i>	E		
Leach's Storm-petrel	<i>Oceanodroma leucorhoa</i>	E		
Pied-billed Grebe	<i>Podilymbus podiceps</i>	E		
Vesper Sparrow	<i>Pooecetes gramineus</i>	T		
King Rail	<i>Rallus elegans</i>	T		
Northern Parula	<i>Setophaga americana</i>	T		
Blackpoll Warbler	<i>Setophaga striata</i>	SC		
Roseate Tern	<i>Sterna dougallii</i>	E	E	
Common Tern	<i>Sterna hirundo</i>	SC		
Arctic Tern	<i>Sterna paradisaea</i>	SC		
Least Tern	<i>Sternula antillarum</i>	SC		
Eastern Meadowlark	<i>Sturnella magna</i>	SC		
Barn Owl	<i>Tyto alba</i>	SC		
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	E		
Mammals				
Sei Whale	<i>Balaenoptera borealis</i>	E	E	
Blue Whale	<i>Balaenoptera musculus</i>	E	E	
Fin Whale	<i>Balaenoptera physalus</i>	E	E	
North Atlantic Right Whale	<i>Eubalaena glacialis</i>	E	E	
Eastern Red Bat	<i>Lasiurus borealis</i>	SC		
Hoary Bat	<i>Lasiurus cinereus</i>	SC		
Silver-haired Bat	<i>Lasionycteris noctivagans</i>	SC		
Humpback Whale	<i>Megaptera novaeangliae</i>	E		
Eastern Small-footed Bat	<i>Myotis leibii</i>	E		
Little Brown Bat	<i>Myotis lucifugus</i>	E		
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	E	E	
Indiana Bat	<i>Myotis sodalis</i>	E	E	
Tricolored Bat	<i>Perimyotis subflavus</i>	E		
Sperm Whale	<i>Physeter macrocephalus</i>	E	E	
Rock Shrew	<i>Sorex dispar</i>	SC		
Water Shrew	<i>Sorex palustris</i>	SC		
Southern Bog Lemming	<i>Synaptomys cooperi</i>	SC		

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Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		
		MA	US	Notes
INVERTEBRATES				
Sponges				
Smooth Branched Sponge	<i>Spongilla aspinosa</i>	SC		
Flatworms				
Sunderland Spring Planarian	<i>Seidlia remota</i>	SC		
Segmented Worms				
New England Medicinal Leech	<i>Macrobdella sestertia</i>	SC		
Snails				
New England Siltsnail	<i>Floridobia winkleyi</i>	SC		
Henscomb Hydrobe	<i>Littoridinops tenuipes</i>	SC		
Boreal Marstonia	<i>Marstonia lustrica</i>	E		
Slender Walker	<i>Pomatiopsis lapidaria</i>	E		
Mossy Valvata	<i>Valvata sincera</i>	E		
Mussels				
Dwarf Wedgemussel	<i>Alasmidonta heterodon</i>	E	E	
Brook Floater	<i>Alasmidonta varicosa</i>	E		
Tidewater Mucket	<i>Atlanticoncha ochracea</i>	SC		
Yellow Lampmussel	<i>Lampsilis cariosa</i>	E		
Eastern Pondmussel	<i>Sagittunio nasutus</i>	SC		
Creeper	<i>Strophitus undulatus</i>	SC		
Crustaceans				
Intricate Fairy Shrimp	<i>Eubbranchipus intricatus</i>	SC		
Agassiz's Clam Shrimp	<i>Eulimnadia agassizii</i>	E		
Northern Spring Amphipod	<i>Gammarus pseudolimnaeus</i>	SC		
American Clam Shrimp	<i>Limnadia lenticularis</i>	SC		
Coastal Swamp Amphipod	<i>Sicifera chamberlaini</i>	SC		
Taconic Cave Amphipod	<i>Stygobromus borealis</i>	E		
Piedmont Groundwater Amphipod	<i>Stygobromus tenuis</i>	SC		
Dragonflies				
Subarctic Darner	<i>Aeshna subarctica</i>	E		
Ocellated Darner	<i>Boyeria grafiانا</i>	SC		
Midland Clubtail	<i>Gomphurus fraternus</i>	E		
Skillet Clubtail	<i>Gomphurus ventricosus</i>	T		
Spine-crowned Clubtail	<i>Hylogomphus abbreviatus</i>	SC		
Brook Snaketail	<i>Ophiogomphus aspersus</i>	SC		
Rifle Snaketail	<i>Ophiogomphus carolus</i>	T		
Harpoon Clubtail	<i>Phanogomphus descriptus</i>	E		
Rapids Clubtail	<i>Phanogomphus quadricolor</i>	E		
Ski-tipped Emerald	<i>Somatochlora elongata</i>	SC		
Forcipate Emerald	<i>Somatochlora forcipata</i>	E		
Coppery Emerald	<i>Somatochlora georgiana</i>	E		
Incurvate Emerald	<i>Somatochlora incurvata</i>	E		
Kennedy's Emerald	<i>Somatochlora kennedyi</i>	E		
Mocha Emerald	<i>Somatochlora linearis</i>	SC		
Riverine Clubtail	<i>Stylurus amnicola</i>	E		
Ebony Boghaunter	<i>Williamsonia fletcheri</i>	E		
Ringed Boghaunter	<i>Williamsonia lintneri</i>	T		

E = Endangered, T = Threatened, SC = Special Concern

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Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		
		MA	US	Notes
INVERTEBRATES: continued				
Damselflies				
Tule Bluet	<i>Enallagma carunculatum</i>	SC		
Attenuated Bluet	<i>Enallagma daeckii</i>	T		
Scarlet Bluet	<i>Enallagma pictum</i>	T		
Pine Barrens Bluet	<i>Enallagma recurvatum</i>	T		
Beetles				
Twelve-spotted Tiger Beetle	<i>Cicindela duodecimguttata</i>	SC		
Claybank Tiger Beetle	<i>Cicindela limbalis</i>	T		
Barrens Tiger Beetle	<i>Cicindela patruela</i>	E		
Purple Tiger Beetle	<i>Cicindela purpurea</i>	SC		
Cobblestone Tiger Beetle	<i>Cicindelidia marginipennis</i>	E		
Hentz's Red-bellied Tiger Beetle	<i>Cicindelidia rufiventris hentzii</i>	T		
Puritan Tiger Beetle	<i>Ellipsoptera puritana</i>	E	T	
Northeastern Beach Tiger Beetle	<i>Habroscelimorpha dorsalis</i>	E	T	
American Burying Beetle	<i>Nicrophorus americanus</i>	E	T	
Butterflies and Moths				
Coastal Heathland Cutworm	<i>Abagrotis benjamini</i>	SC		
Barrens Dagger Moth	<i>Acronicta albarufa</i>	T		
Drunk Apamea Moth	<i>Apamea inebriata</i>	SC		
Phyllira Tiger Moth	<i>Apantesis phyllira</i>	E		
New Jersey Tea Inchworm	<i>Apodrepanulatrix liberaria</i>	E		
Hessel's Hairstreak	<i>Callophrys hesseli</i>	SC		
Frosted Elfin	<i>Callophrys irus</i>	SC		
Bog Elfin	<i>Callophrys lanoraieensis</i>	T		
Herodias Underwing Moth	<i>Catocala herodias</i>	SC		
Precious Underwing Moth	<i>Catocala pretiosa</i>	E		
Waxed Sallow Moth	<i>Chaetagnaea cerata</i>	SC		
Melsheimer's Sack Bearer	<i>Cicinnus melsheimeri</i>	T		
Chain Dot Geometer	<i>Cingilia catenaria</i>	SC		
Collared Cynia	<i>Cynia collaris</i>	T		
The Pink Streak	<i>Dargida rubripennis</i>	T		
Imperial Moth	<i>Eacles imperialis</i>	T		
Early Hairstreak	<i>Erora laeta</i>	T		
Persius Duskywing	<i>Erynnis persius</i>	E		
Scrub Euchlaena	<i>Euchlaena madusaria</i>	SC		
Dion Skipper	<i>Euphyes dion</i>	T		
Slender Clearwing Sphinx Moth	<i>Hemaris gracilis</i>	SC		
Buck Moth	<i>Hemileuca maia</i>	SC		
Sandplain Heterocampa	<i>Heterocampa varia</i>	T		
Buchholz's Gray	<i>Hypomecis buchholzaria</i>	E		
Pale Green Pinion Moth	<i>Lithophane viridipallens</i>	SC		
Twilight Moth	<i>Lycia rachelae</i>	E		
Woolly Gray	<i>Lycia ypsilon</i>	T		
Pine Barrens Macaria	<i>Macaria exonerata</i>	SC		
Barrens Metarranthis	<i>Metarranthis apiciaria</i>	E		
Heath Metarranthis	<i>Metarranthis pilosaria</i>	SC		
Northern Brocade Moth	<i>Neoligia semicana</i>	SC		
Pitcher Plant Borer	<i>Papaipema appassionata</i>	T		
Golden Borer	<i>Papaipema cerina</i>	E		
Ostrich Fern Borer	<i>Papaipema sp. 2</i>	SC		1
Chain Fern Borer	<i>Papaipema stenocelis</i>	T		
Water-willow Stem Borer	<i>Papaipema sulphurata</i>	T		
Cordgrass Borer	<i>Photodes inops</i>	SC		

¹ Undescribed species near *P. pterisii*.

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Massachusetts List of Endangered, Threatened, and Special Concern Species

ANIMALS

Taxonomic Group Common Name	Scientific Name	Status		
		MA	US	Notes
INVERTEBRATES: continued				
Butterflies and Moths: continued				
Mustard White	<i>Pieris oleracea</i>	T		
Pink Sallow Moth	<i>Psectraglaea carnosa</i>	SC		
Southern Ptichodis	<i>Ptichodis bistrigata</i>	T		
Orange Sallow Moth	<i>Pyrrhia aurantiago</i>	SC		
Acadian Hairstreak	<i>Satyrium acadica</i>	T		
Faded Gray Geometer	<i>Stenoporpia polygrammaria</i>	T		
Dune Sympistis	<i>Sympistis riparia</i>	SC		
Pine Barrens Zale	<i>Zale lunifera</i>	SC		2
Pine Barrens Zanclognatha	<i>Zanclognatha martha</i>	SC		
Bees				
Parnassia Miner	<i>Andrena parnassiae</i>	T		
Walsh's Anthophora	<i>Anthophora walshii</i>	E		
American Bumble Bee	<i>Bombus pensylvanicus</i>	E		
Yellow-banded Bumble Bee	<i>Bombus terricola</i>	T		
Macropis Cuckoo Bee	<i>Epeoloides pilosulus</i>	T		

² True *Z. lunifera*, *sensu* Schmidt, B.C. 2010. Taxonomic reassessment of *Zale lunifera* (Hübner) (Erebidae, Erebininae). *Zookeys* 39: 99-106.

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Massachusetts List of Endangered, Threatened, and Special Concern Species

PLANTS

Common Name	Scientific Name	Status		Notes
		MA	US	
Black Cohosh	<i>Actaea racemosa</i>	E		
Climbing Fumitory	<i>Adlumia fungosa</i>	SC		
Sandplain Gerardia	<i>Agalinis acuta</i>	E	E	
Purple Giant Hyssop	<i>Agastache scrophulariifolia</i>	E		
Lesser Snakeroot	<i>Ageratina aromatica</i>	E		
Small-flowered Agrimony	<i>Agrimonia parviflora</i>	E		
Downy Agrimony	<i>Agrimonia pubescens</i>	T		
Mountain Alder	<i>Alnus alnobetula</i> ssp. <i>crispa</i>	SC		
Bartram's Shadbush	<i>Amelanchier bartramiana</i>	T		
Round-leaved Shadbush	<i>Amelanchier sanguinea</i>	SC		
Annual Peanutgrass	<i>Amphicarpum amphicarpon</i>	E		
Northern Wild Comfrey	<i>Andersonglossum boreale</i>	E		
Putty-root	<i>Aplectrum hyemale</i>	E		
Lyre-leaved Rock-cress	<i>Arabidopsis lyrata</i>	E		
Eastern Dwarf Mistletoe	<i>Arceuthobium pusillum</i>	SC		
Arethusa	<i>Arethusa bulbosa</i>	T		
Green Dragon	<i>Arisaema dracontium</i>	T		
Purple Needlegrass	<i>Aristida purpurascens</i>	T		
Seabeach Needlegrass	<i>Aristida tuberculosa</i>	T		
Purple Milkweed	<i>Asclepias purpurascens</i>	E		
Whorled Milkweed	<i>Asclepias verticillata</i>	T		
Mountain Spleenwort	<i>Asplenium montanum</i>	E		
Wall-rue Spleenwort	<i>Asplenium ruta-muraria</i>	T		
Swamp Birch	<i>Betula pumila</i>	E		
Eaton's Beggar-ticks	<i>Bidens eatonii</i>	E		
Estuary Beggar-ticks	<i>Bidens hyperborea</i>	E		
Downy Wood-mint	<i>Blephilia ciliata</i>	E		
Hairy Wood-mint	<i>Blephilia hirsuta</i>	E		
Smooth Rock-cress	<i>Borodinia laevigata</i>	SC		
Green Rock-cress	<i>Borodinia missouriensis</i>	T		
Pickering's Reedgrass	<i>Calamagrostis pickeringii</i>	E		
New England Northern Reed Grass	<i>Calamagrostis inexpansa</i>	E		
Upright Bindweed	<i>Calystegia spithamea</i>	E		
Fen Cuckoo-flower	<i>Cardamine dentata</i>	T		
Purple Cress	<i>Cardamine douglassii</i>	E		
Long's Bittercress	<i>Cardamine longii</i>	E		
Foxtail Sedge	<i>Carex alopecoidea</i>	T		
Back's Sedge	<i>Carex backii</i>	E		
Bailey's Sedge	<i>Carex baileyi</i>	T		
Bush's Sedge	<i>Carex bushii</i>	E		
Chestnut-colored Sedge	<i>Carex castanea</i>	E		
Creeping Sedge	<i>Carex chordorrhiza</i>	E		
Davis' Sedge	<i>Carex davisii</i>	E		
Bog Sedge	<i>Carex exilis</i>	T		
Handsome Sedge	<i>Carex formosa</i>	T		
Glaucous Sedge	<i>Carex glaucoidea</i>	E		
Slender Woodland Sedge	<i>Carex gracilescens</i>	E		
Gray's Sedge	<i>Carex grayi</i>	T		
Hitchcock's Sedge	<i>Carex hitchcockiana</i>	SC		
Shore Sedge	<i>Carex lenticularis</i>	T		
Livid Sedge	<i>Carex livida</i>	E		
False Hop Sedge	<i>Carex lupuliformis</i>	E		
Midland Sedge	<i>Carex mesochorea</i>	E		
Michaux's Sedge	<i>Carex michauxiana</i>	E		
Mitchell's Sedge	<i>Carex mitchelliana</i>	T		
Rich Woods Sedge	<i>Carex oligocarpa</i>	T		
Few-seeded Sedge	<i>Carex oligosperma</i>	E		
Few-flowered Sedge	<i>Carex pauciflora</i>	E		
Variable Sedge	<i>Carex polymorpha</i>	E		

E = Endangered, T = Threatened, SC = Special Concern

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Massachusetts List of Endangered, Threatened, and Special Concern Species

PLANTS

Common Name	Scientific Name	Status		Notes
		MA	US	
Schweinitz's Sedge	<i>Carex schweinitzii</i>	E		
Squarrose Sedge	<i>Carex squarrosa</i>	T		
Dioecious Sedge	<i>Carex sterilis</i>	T		
Walter's Sedge	<i>Carex striata</i>	E		
Fen Sedge	<i>Carex tetanica</i>	SC		
Hairy-fruited Sedge	<i>Carex trichocarpa</i>	SC		
Tuckerman's Sedge	<i>Carex tuckermanii</i>	E		
Cat-tail Sedge	<i>Carex typhina</i>	T		
Willdenow's Sedge	<i>Carex willdenowii</i>	E		
American Bittersweet	<i>Celastrus scandens</i>	T		
Nodding Chickweed	<i>Cerastium nutans</i>	E		
Devil's-bit	<i>Chamaelirium luteum</i>	E		
Fogg's Goosefoot	<i>Chenopodium foggii</i>	E		
Narrow-leaved Spring-beauty	<i>Claytonia virginica</i>	E		
Purple Clematis	<i>Clematis occidentalis</i>	SC		
Long-leaved Panic-grass	<i>Coleataenia longifolia</i> ssp. <i>longifolia</i>	T		
Hemlock-parsley	<i>Conioselinum chinense</i>	SC		
Autumn Coral-root	<i>Corallorhiza odontorhiza</i>	SC		
Shore Pygmy-weed	<i>Crassula aquatica</i>	T		
Bicknell's Hawthorn	<i>Crataegus bicknellii</i>	E		
Split-leaved Hawthorn	<i>Crataegus schizophylla</i>	E		
Appalachian Bristle-fern	<i>Crepidomanes intricatum</i>	SC		
Fragile Rock-brake	<i>Cryptogramma stelleri</i>	E		
Engelmann's Flatsedge	<i>Cyperus engelmannii</i>	T		
Houghton's Flatsedge	<i>Cyperus houghtonii</i>	E		
Pine Barrens Flatsedge	<i>Cyperus retrorsus</i>	SC		
Dwarf Bulrush	<i>Cyperus subsquarrosus</i>	T		
Ram's Head Lady's-slipper	<i>Cypripedium arietinum</i>	E		
Yellow Lady's-slipper	<i>Cypripedium parviflorum</i>	E		
Showy Lady's-slipper	<i>Cypripedium reginae</i>	E		
Frog Orchid	<i>Dactylorhiza viridis</i>	E		
Tussock Hairgrass	<i>Deschampsia cespitosa</i> ssp. <i>glauca</i>	E		
Large-bracted Tick-trefoil	<i>Desmodium cuspidatum</i>	T		
Mattamuskeet Rosette-grass	<i>Dichanthelium mattamuskeetense</i>	E		
Commons' Rosette-grass	<i>Dichanthelium commonsianum</i>	SC		
Rough Rosette-grass	<i>Dichanthelium scabriusculum</i>	T		
Velvet Rosette-grass	<i>Dichanthelium scoparium</i>	E		
Wright's Rosette-grass	<i>Dichanthelium wrightianum</i>	SC		
Saltpond Grass	<i>Diplachne fascicularis</i>	T		
Cornel-leaved Aster	<i>Doellingeria infirma</i>	E		
American Waterwort	<i>Elatine americana</i>	E		
Wright's Spike-sedge	<i>Eleocharis diandra</i>	E		
Matted Spike-sedge	<i>Eleocharis intermedia</i>	T		
Tiny-fruited Spike-sedge	<i>Eleocharis microcarpa</i>	E		
Ovate Spike-sedge	<i>Eleocharis ovata</i>	E		
Few-flowered Spike-sedge	<i>Eleocharis quinqueflora</i>	E		
Three-angled Spike-sedge	<i>Eleocharis tricostata</i>	E		
Hairy Wild Rye	<i>Elymus villosus</i>	E		
Dwarf Scouring Rush	<i>Equisetum scirpoides</i>	SC		
Frank's Lovegrass	<i>Eragrostis frankii</i>	SC		
Parker's Pipewort	<i>Eriocaulon parkeri</i>	E		
Slender Cottongrass	<i>Eriophorum gracile</i>	T		
Muskflower	<i>Erythranthe moschata</i>	T		
New England Boneset	<i>Eupatorium novae-angliae</i>	E		
Showy Orchid	<i>Galearis spectabilis</i>	T		
Northern Bedstraw	<i>Galium boreale</i>	E		
Labrador Bedstraw	<i>Galium labradoricum</i>	T		
Purple Cudweed	<i>Gamochaeta purpurea</i>	E		
Andrews' Bottle Gentian	<i>Gentiana andrewsii</i>	E		

E = Endangered, T = Threatened, SC = Special Concern

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Massachusetts List of Endangered, Threatened, and Special Concern Species

PLANTS

Common Name	Scientific Name	Status		
		MA	US	Notes
Barren Strawberry	<i>Geum fragarioides</i>	SC		
Dwarf Rattlesnake-plantain	<i>Goodyera repens</i>	E		
Spurred Gentian	<i>Halenia deflexa</i>	E		
Long-leaved Bluet	<i>Houstonia longifolia</i>	E		
Appalachian Firmoss	<i>Huperzia appressa</i>	E		
Mountain Firmoss	<i>Huperzia selago</i>	E		
Golden Seal	<i>Hydrastis canadensis</i>	E		
Saltpond Pennywort	<i>Hydrocotyle verticillata</i>	T		
Broad Waterleaf	<i>Hydrophyllum canadense</i>	E		
Creeping St. John's-wort	<i>Hypericum adpressum</i>	T		
Giant St. John's-wort	<i>Hypericum ascyron</i>	E		
St. Andrew's Cross	<i>Hypericum stragulum</i>	E		
Big-leaved Holly	<i>Ilex montana</i>	E		
Acadian Quillwort	<i>Isoetes acadiensis</i>	E		
Lake Quillwort	<i>Isoetes lacustris</i>	E		
Small Whorled Pogonia	<i>Isotria medeoloides</i>	E	T	
Two-flowered Rush	<i>Juncus biflorus</i>	T		
Weak Rush	<i>Juncus debilis</i>	E		
Thread Rush	<i>Juncus filiformis</i>	E		
Narrow False Oats	<i>Koeleria spicata</i>	E		
Redroot	<i>Lachnanthes caroliniana</i>	SC		
Beaded Pinweed	<i>Lechea pulchella</i> var. <i>moniliformis</i>	E		
Sea Lyme-grass	<i>Leymus mollis</i>	E		
New England Blazing Star	<i>Liatris novae-angliae</i>	SC		
American Twinflower	<i>Linnaea borealis</i>	SC		
Stiff Yellow Flax	<i>Linum medium</i> var. <i>texanum</i>	T		
Lily-leaf Twayblade	<i>Liparis liliifolia</i>	T		
Loesel's Wide-lipped Orchid	<i>Liparis loeselii</i>	T		
Great Blue Lobelia	<i>Lobelia siphilitica</i>	E		
Hairy Honeysuckle	<i>Lonicera hirsuta</i>	E		
Many-fruited Seedbox	<i>Ludwigia polycarpa</i>	E		
Round-fruited Seedbox	<i>Ludwigia sphaerocarpa</i>	E		
Wild Lupine	<i>Lupinus perennis</i>	SC		
Black-fruited Woodrush	<i>Luzula parviflora</i> ssp. <i>melanocarpa</i>	E		
Foxtail Clubmoss	<i>Lycopodiella alopecuroides</i>	E		
Taperleaf Water-horehound	<i>Lycopus rubellus</i>	E		
Climbing Fern	<i>Lygodium palmatum</i>	SC		
Winged Loosestrife	<i>Lythrum alatum</i>	E		
Sweet Bay	<i>Magnolia virginiana</i>	E		
Bayard's Adder's-mouth	<i>Malaxis bayardii</i>	E		
White Adder's-mouth	<i>Malaxis monophyllos</i> ssp. <i>brachypoda</i>	E		
Green Adder's-mouth	<i>Malaxis unifolia</i>	T		
Oysterleaf	<i>Mertensia maritima</i>	E		
Woodland Millet	<i>Milium effusum</i>	T		
Winged Monkey-flower	<i>Mimulus alatus</i>	E		
Large-leaved Sandwort	<i>Moehringia macrophylla</i>	E		
One-flowered Pyrola	<i>Moneses uniflora</i>	SC		
Red Mulberry	<i>Morus rubra</i>	E		
Slender Water-milfoil	<i>Myriophyllum alterniflorum</i>	E		
Farwell's Water-milfoil	<i>Myriophyllum farwellii</i>	E		
Pinnate Water-milfoil	<i>Myriophyllum pinnatum</i>	SC		
Whorled Water-milfoil	<i>Myriophyllum verticillatum</i>	E		
Lion's Foot	<i>Nabalus serpentarius</i>	E		
Southern Twayblade	<i>Neottia bifolia</i>	T		
Heartleaf Twayblade	<i>Neottia cordata</i>	E		
Tiny Cow-lily	<i>Nuphar microphylla</i>	E		
Upland White Goldenrod	<i>Oligoneuron album</i>	E		
Adder's Tongue Fern	<i>Ophioglossum pusillum</i>	T		
Eastern Prickly Pear	<i>Opuntia cespitosa</i>	E		

E = Endangered, T = Threatened, SC = Special Concern

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species

PLANTS

Common Name	Scientific Name	Status		
		MA	US	Notes
Eastern Prickly Pear	<i>Opuntia humifusa</i>	E		
Golden Club	<i>Orontium aquaticum</i>	E		
Violet Wood-sorrel	<i>Oxalis violacea</i>	E		
American Ginseng	<i>Panax quinquefolius</i>	SC		
Gattinger's Panic-grass	<i>Panicum philadelphicum</i> ssp. <i>gattingeri</i>	SC		
Philadelphia Panic-grass	<i>Panicum philadelphicum</i> ssp. <i>philadelphicum</i>	SC		
Silverling	<i>Paronychia argyrocoma</i>	E		
Swamp Lousewort	<i>Pedicularis lanceolata</i>	E		
Hairy Beard-tongue	<i>Penstemon hirsutus</i>	E		
Pondshore Smartweed	<i>Persicaria puritanorum</i>	SC		
Swamp Smartweed	<i>Persicaria setacea</i>	T		
Sweet Coltsfoot	<i>Petasites frigidus</i> var. <i>palmatus</i>	E		
Crested Fringed Orchid	<i>Platanthera cristata</i>	E		
Leafy White Orchid	<i>Platanthera dilatata</i>	T		
Pale Green Orchid	<i>Platanthera flava</i> var. <i>herbiola</i>	T		
Hooker's Orchid	<i>Platanthera hookeri</i>	E		
Large-leaved Orchid	<i>Platanthera macrophylla</i>	T		
Round-leaved Orchid	<i>Platanthera orbiculata</i>	T		
Drooping Speargrass	<i>Poa saltuensis</i> ssp. <i>languida</i>	E		
Sea-beach Knotweed	<i>Polygonum glaucum</i>	SC		
Braun's Holly-fern	<i>Polystichum braunii</i>	E		
Swamp Cottonwood	<i>Populus heterophylla</i>	E		
Tuckerman's Pondweed	<i>Potamogeton confervoides</i>	T		
Fries' Pondweed	<i>Potamogeton friesii</i>	E		
Hill's Pondweed	<i>Potamogeton hillii</i>	SC		
Straight-leaved Pondweed	<i>Potamogeton strictifolius</i>	E		
Vasey's Pondweed	<i>Potamogeton vaseyi</i>	E		
Sandbar Cherry	<i>Prunus pumila</i> var. <i>depressa</i>	T		
Slender Clubmoss	<i>Pseudolycopodiella caroliniana</i>	E		
Pink Shinleaf	<i>Pyrola asarifolia</i>	E		
Bur Oak	<i>Quercus macrocarpa</i>	SC		
Yellow Oak	<i>Quercus muehlenbergii</i>	T		
Small-flowered Buttercup	<i>Ranunculus micranthus</i>	E		
Bristly Buttercup	<i>Ranunculus pensylvanicus</i>	SC		
Maryland Meadow-beauty	<i>Rhexia mariana</i>	E		
Great Laurel	<i>Rhododendron maximum</i>	T		
Capillary Beaksedge	<i>Rhynchospora capillacea</i>	E		
Inundated Beaksedge	<i>Rhynchospora inundata</i>	T		
Short-beaked Beaksedge	<i>Rhynchospora nitens</i>	T		
Long-beaked Beaksedge	<i>Rhynchospora scirpoides</i>	SC		
Torrey's Beaksedge	<i>Rhynchospora torreyana</i>	E		
Bristly Black Currant	<i>Ribes lacustre</i>	SC		
Northern Prickly Rose	<i>Rosa acicularis</i> ssp. <i>sayi</i>	E		
Toothcup	<i>Rotala ramosior</i>	E		
Seabeach Dock	<i>Rumex pallidus</i>	T		
Swamp Dock	<i>Rumex verticillatus</i>	T		
Slender Marsh Pink	<i>Sabatia campanulata</i>	E		
Plymouth Gentian	<i>Sabatia kennedyana</i>	SC		
Sea Pink	<i>Sabatia stellaris</i>	E		
Michaux's Sandwort	<i>Sabulina michauxii</i>	T		
Wapato	<i>Sagittaria cuneata</i>	T		
Estuary Arrowhead	<i>Sagittaria montevidensis</i> ssp. <i>spongiosa</i>	E		
Terete Arrowhead	<i>Sagittaria teres</i>	SC		
Sandbar Willow	<i>Salix exigua</i> ssp. <i>interior</i>	T		
Canadian Sanicle	<i>Sanicula canadensis</i>	T		
Clustered Sanicle	<i>Sanicula odorata</i>	T		
Pod-grass	<i>Scheuchzeria palustris</i>	E		

E = Endangered, T = Threatened, SC = Special Concern

10.90: continued

Massachusetts List of Endangered, Threatened, and Special Concern Species
PLANTS

Common Name	Scientific Name	Status		Notes
		MA	US	
American Chaffseed	<i>Schwalbea americana</i>	E	E	
Northeastern Bulrush	<i>Scirpus ancistrochaetus</i>	E	E	
Long's Bulrush	<i>Scirpus longii</i>	T		
Papillose Nut-sedge	<i>Scleria pauciflora</i>	E		
Tall Nut-sedge	<i>Scleria triglomerata</i>	E		
One-flower Sclerolepis	<i>Sclerolepis uniflora</i>	E		
Wild Senna	<i>Senna hebecarpa</i>	E		
Bristly Foxtail	<i>Setaria parviflora</i>	SC		
Sandplain Blue-eyed Grass	<i>Sisyrinchium fuscatum</i>	SC		
Slender Blue-eyed Grass	<i>Sisyrinchium mucronatum</i>	E		
Large-leaved Goldenrod	<i>Solidago macrophylla</i>	SC		
Rand's Goldenrod	<i>Solidago randii</i>	E		
Northern Mountain-ash	<i>Sorbus decora</i>	E		
Small Bur-reed	<i>Sparganium natans</i>	E		
Shining Wedgegrass	<i>Sphenopholis nitida</i>	T		
Swamp Oats	<i>Sphenopholis pennsylvanica</i>	T		
Hooded Ladies'-tresses	<i>Spiranthes romanzoffiana</i>	E		
Grass-leaved Ladies'-tresses	<i>Spiranthes vernalis</i>	T		
Salt Reedgrass	<i>Sporobolus cynosuroides</i>	T		
Small Dropseed	<i>Sporobolus neglectus</i>	E		
American Sea-blite	<i>Suaeda calceoliformis</i>	SC		
Snowberry	<i>Symphoricarpos albus</i> var. <i>albus</i>	E		
Eastern Silvery Aster	<i>Symphyotrichum concolor</i>	E		
Tradescant's Aster	<i>Symphyotrichum tradescantii</i>	T		
Arborvitae	<i>Thuja occidentalis</i>	E		
Cranefly Orchid	<i>Tipularia discolor</i>	E		
False Pennyroyal	<i>Trichostema brachiatum</i>	E		
Broad Tinker's-weed	<i>Triosteum perfoliatum</i>	E		
Nodding Pogonia	<i>Triphora trianthophoros</i>	E		
Northern Gama-grass	<i>Tripsacum dactyloides</i>	E		
Resupinate Bladderwort	<i>Utricularia resupinata</i>	T		
Slender Bladderwort	<i>Utricularia subulata</i>	T		
Mountain Cranberry	<i>Vaccinium vitis-idaea</i>	E		
Narrow-leaved Vervain	<i>Verbena simplex</i>	E		
Sessile Water-speedwell	<i>Veronica catenata</i>	E		
Culver's-root	<i>Veronicastrum virginicum</i>	T		
Downy Arrow-wood	<i>Viburnum rafinesqueanum</i>	E		
Sand Violet	<i>Viola adunca</i>	SC		
Britton's Violet	<i>Viola brittoniana</i>	T		

321 CMR: DIVISION OF FISHERIES AND WILDLIFE

REGULATORY AUTHORITY

321 CMR 10.00: M.G.L. c. 131A.