



LIVING WITH WILDLIFE

WILD TURKEYS

IN MASSACHUSETTS



At the time of colonial settlement, the wild turkey was widespread in Massachusetts. Due to habitat loss, turkeys were extirpated from the state and the last known native bird was killed in 1851. In the 1970s, MassWildlife biologists trapped 37 turkeys in New York and released them in the Berkshires. The new flock grew in what was an ideal mix of agricultural and forested lands, and by the fall of 1978 the estimated population was about 1,000 birds. With birds also moving in from adjacent states, turkeys soon ranged throughout most parts of Massachusetts west of the Connecticut River. In-state transplants of the birds, conducted until 1996, continued to expand their range into the central, northeastern, and southeastern parts of the state. In 1991, the wild turkey was named the state's official game bird. The estimated population now exceeds 25,000 birds! Under careful management, the future looks bright for turkeys; sportsmen, naturalists, and other wildlife enthusiasts welcome their return.

DESCRIPTION

The wild turkey is a strikingly handsome bird; black to blackish-bronze with white wing bars, blackish-brown tail feathers and a blueish-gray to red head. "Toms" or male wild turkeys weigh about 16–25 pounds. They sport a hair-like "beard" which protrudes from the breast bone. When

a tom is strutting, its head turns bright red, pale white, or vibrant shades of blue. Females, called hens, are smaller, about 9–12 pounds, and are generally less conspicuous, typically dull brown with a blueish-gray head.

LIFE HISTORY

Wild turkeys are active during the day; roosting in large trees at night to avoid predators. In residential areas, it is not uncommon for turkeys to roost on railings, roofs, or sometimes on vehicles. Gobbling, during breeding season, usually starts in March and can last through May. This is when the males puff out their feathers, fan their tails and "strut their stuff." Hens lay eggs after the first mating. The nest is a shallow, leaf-lined depression on the ground, and contains 12 to 15 eggs. Hatching occurs after an incubation period of 28 days. Broods usually appear in the first week of June. The young poult are active as soon as they hatch. Predators such as foxes and hawks may take a few young turkeys, and cold spring rains can easily chill the poorly-feathered young birds. Young turkeys remain with their mother for at least 4 to 5 months. Turkeys learn from each other, often by imitation, and by associating with older, more experienced birds. They remember the layout of their home ranges and the location of various foods.

FOOD, HABITS, AND HABITAT

Wild turkeys seasonally exploit a diversity of food items, including plant material, seeds, nuts, berries, insects, and invertebrates. In the fall, they feed on acorns, beech nuts, hickory nuts, and seeds. In the winter, turkeys avoid areas with deep, fluffy snow. During the summer, turkey poult's rely on insects that are extremely protein rich, which enables the small poult's to grow and mature quickly. Turkeys scratch the ground searching for food.

Wild turkeys live in flocks organized by "pecking order." Each bird is dominant over or "pecks on" birds of lesser social status. Turkeys may attempt to dominate or attack people that they view as subordinates. This behavior is observed most often during breeding season. Once bold behavior is established, it can be very difficult to change.

Wild turkeys are habitat generalists and thrive in a variety of environments in Massachusetts. They utilize agricultural lands, forests, and suburban and urban habitats. Areas with many different types of habitat types are probably the most productive for turkeys because they provide an optimal mix of food and cover across the range of seasons experienced in Massachusetts. Turkeys in suburban and urban areas rely heavily on bird seed located in and around bird feeders and can become quite habituated to specific locations.



TIPS FOR RESIDENTS

Turkeys thrive close to humans in suburban and urban areas. If you want to make your property less attractive to turkeys, follow these basic practices. Remember, share these tips with your neighbors; your efforts will be futile if neighbors provide food or shelter for turkeys or neglect to act boldly towards the birds.

DON'T FEED TURKEYS: Keep wildlife wild! Feeding, whether direct or indirect, can cause turkeys to act tame and may lead to bold or aggressive behavior, especially in the breeding season.

KEEP BIRD FEEDER AREAS CLEAN: Use feeders designed to keep seed off the ground as the seed attracts turkeys and other wild animals. Remove feeders in the spring, as there are plenty of natural foods available for all birds.

DON'T LET TURKEYS INTIMIDATE YOU: Don't hesitate to scare or threaten a bold, aggressive turkey with loud noises, swatting with a broom or water sprayed from a hose. A dog on a leash is also an effective deterrent.

COVER WINDOWS AND SHINY OBJECTS: Turkeys may respond aggressively to shiny objects and their own reflection. Since the stimulus to drive away the "intruder" is strong, and since the reflection does not disappear when the turkey confronts it, the bird will often continually display towards or attack the reflection until changing light conditions cause it to vanish. If a turkey is pecking at a shiny object, cover or disguise the object.

PROTECT YOUR GARDENS AND CROPS: You can harass turkeys searching for food in your gardens. Dogs tethered on a run can be effective in scaring turkeys away from gardens. Netting is another option to employ. In agricultural situations, some scare devices are effective.

Wild turkeys are an important natural resource in Massachusetts. They are classified as game birds, for which a management program and regulated hunting seasons have been established.

IF YOU ARE EXPERIENCING PROBLEMS WITH TURKEYS OR HAVE QUESTIONS, VISIT MASS.GOV/MASSWILDLIFE OR CONTACT YOUR NEAREST MASSWILDLIFE OFFICE:

Central Wildlife District, West Boylston: (508) 835-3607
Connecticut Valley Wildlife District, Belchertown: (413) 323-7632
Northeast Wildlife District, Ayer: (978) 772-2145
Southeast Wildlife District, Bourne: (508) 759-3406
Western Wildlife District, Dalton: (413) 684-1646
Field Headquarters, Westborough: (508) 389-6300

Photos courtesy of MassWildlife/Bill Byrne