

Birds

Conservation Concern Notes:

Federal List – on federal list of endangered and threatened species; **State List** – on Massachusetts list of Endangered, Threatened, and Special Concern Species; **Globally Rare** – with global rank of G1 through G3 (rounded) according to NatureServe; **NE F&W Agencies**– on draft list of vertebrates and freshwater mussels of regional conservation concern (Therres 1999)

PIF Tier I: on the Partners in Flight conservation priority list for Massachusetts (Rosenberg 2004) as:

- Tier I species (meaning of high continental importance); and
- If the species breeds in Massachusetts, the breeding population consists of at least 50 pairs and breeding in the state must be long-established; or
- If the species migrates through Massachusetts or winters in Massachusetts, at least 100 individuals of the species must migrate through the state or winter in the state.

BBS Decline: species with statistically significant population declines greater than 6% annually in Massachusetts, as detected by the North American Breeding Bird Survey, 1966-2003 ($P < .1$) (Sauer et al. 2004)

Shorebird Plan: in the United States Shorebird Conservation Plan (Brown et al. 2001) as Species of High Concern, for which the North Atlantic Region is extremely important during breeding, migration, or wintering.

Waterbird Plan: in the North American Waterbird Conservation Plan (Kushlan et al. 2002) as a Species of High Concern and the breeding population is significant, i.e., more than 50 pairs.

Wintering Concentration: Regionally significant wintering populations of the species occur in Massachusetts.

At Risk Breeding Species: The species was judged by DFW biologists to have significant breeding populations in Massachusetts (more than 50 pairs; long-established breeding in the state) and because of their relative rarity and declines in abundance, distribution, or habitat.

Management Concern: Game species judged to be declining as a breeding species in the state and in need of management efforts.

| State Listing Status | Scientific Name | Common Name | Federal Status | State Status | Global Rarity Ranking | State Rarity Ranking | Primary Habitats | Conservation Concern |
|----------------------|----------------------------|-------------------|----------------|--------------|-----------------------|----------------------|--------------------------------------|-----------------------------|
| State-listed | <i>Gavia immer</i> | Common Loon | -- | SC | G5 | S1 | Lakes & Ponds | State List |
| | <i>Podilymbus podiceps</i> | Pied-Billed Grebe | -- | E | G5 | S1 | Marshes & Wet Meadows, Lakes & Ponds | State List; NE F&W Agencies |

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| | <i>Oceanodroma leucorhoa</i> | Leach's Storm-Petrel | -- | E | G5 | S1 | Marine & Estuarine Habitats, Coastal Dunes/Beaches/ Small Islands | State List |
| | <i>Botaurus lentiginosus</i> | American Bittern | -- | E | G4 | S2 | Marshes & Wet Meadows, Peatlands | State List; NE F&W Agencies |
| | <i>Ixobrychus exilis</i> | Least Bittern | -- | E | G5 | S1 | Marshes & Wet Meadows | State List |
| | <i>Haliaeetus leucocephalus</i> | Bald Eagle | LT | E | G4 | S1 | Lakes & Ponds, Large & Mid-sized Rivers, Connecticut & Merrimack Mainstems, Marine & Estuarine Habitats | Federal List; State List |
| | <i>Circus cyaneus</i> | Northern Harrier | -- | T | G5 | S1 | Marshes & Wet Meadows, Grasslands, Pitch Pine/Scrub Oak | State List; NE F&W Agencies |
| | <i>Accipiter striatus</i> | Sharp-Shinned Hawk | -- | SC | G5 | S3 | Upland Forest | State List |
| | <i>Falco peregrinus</i> | Peregrine Falcon | -- | E | G4 | S1 | Rock Cliffs/ Ridgetops/Talus Slopes | State List |
| | <i>Rallus elegans</i> | King Rail | -- | T | G4 | S1 | Marshes & Wet Meadows | State List |
| | <i>Gallinula chloropus</i> | Common Moorhen | -- | SC | G5 | S1 | Marshes & Wet Meadows | State List |
| | <i>Charadrius melodus</i> | Piping Plover | LT | T | G3 | S2 | Coastal Dunes/ Beaches/ Small Islands | Federal List; State List; Globally Rare |
| | <i>Bartramia longicauda</i> | Upland Sandpiper | -- | E | G5 | S1 | Grasslands | State List; NE F&W Agencies |
| | <i>Sterna dougallii</i> | Roseate Tern | LE | E | G4T3 | S2 | Salt Marshes, Coastal Dunes/Beaches/ Small Islands, Marine & Estuarine Habitats | Federal List; State List; Globally Rare |
| | <i>Sterna hirundo</i> | Common Tern | -- | SC | G5 | S3 | Salt Marshes, Coastal Dunes/Beaches/ Small Islands, Marine & Estuarine Habitats | State List; NE F&W Agencies |

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| | <i>Sterna paradisaea</i> | Arctic Tern | -- | SC | G5 | S1 | Salt Marshes, Coastal Dunes/Beaches/ Small Islands, Marine & Estuarine Habitats | State List |
| | <i>Sterna antillarum</i> | Least Tern | -- | SC | G4 | S3 | Salt Marshes, Coastal Dunes/Beaches/ Small Islands, Marine & Estuarine Habitats | State List; NE F&W Agencies |
| | <i>Tyto alba</i> | Barn Owl | -- | SC | G5 | S2 | Grasslands, Salt Marsh | State List |
| | <i>Asio otus</i> | Long-eared Owl | -- | SC | G5 | S2 | Upland Forest, Pitch Pine/Scrub Oak | State List; NE F&W Agencies |
| | <i>Asio flammeus</i> | Short-eared Owl | -- | E | G5 | S1 | Grasslands, Salt Marsh | State List; NE F&W Agencies; PIF Tier I |
| | <i>Cistothorus platensis</i> | Sedge Wren | -- | E | G5 | S1 | Marshes & Wet Meadows | State List; NE F&W Agencies |
| | <i>Vermivora chrysoptera</i> | Golden-winged Warbler | -- | E | G4 | S1 | Young Forests & Shrublands | State List; NE F&W Agencies |
| | <i>Parula americana</i> | Northern Parula | -- | T | G5 | S2 | Upland Forest, Forested Swamps, Riparian Forest | State List |
| | <i>Dendroica striata</i> | Blackpoll Warbler | -- | SC | G5 | S1 | Upland Forest | State List |
| | <i>Oporornis philadelphia</i> | Mourning Warbler | -- | SC | G5 | S1 | Young Forests & Shrublands | State List |
| | <i>Pooecetes gramineus</i> | Vesper Sparrow | -- | T | G5 | S2 | Grasslands, Pitch Pine/Scrub Oak | State List |
| | <i>Ammodramus savannarum</i> | Grasshopper Sparrow | -- | T | G5 | S2 | Grasslands | State List |
| | <i>Ammodramus henslowii</i> | Henslow's Sparrow | -- | E | G4 | S1 | Marshes & Wet Meadows, Grasslands | State List; NE F&W Agencies; PIF Tier I |
| | <i>Ammodramus caudacutus</i> | Saltmarsh Sharp-tailed Sparrow | -- | -- | G4 | S3 | Salt Marsh | NE F&W Agencies; PIF Tier I |
| Not Listed | <i>Ammodramus maritimus</i> | Seaside Sparrow | -- | -- | G4 | S2 | Salt Marsh | PIF Tier I |

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| | <i>Anas rubripes</i> | American Black Duck | -- | -- | G5 | S4 | Marine & Estuarine Habitats, Shrub Swamps, Forested Swamps, Lakes & Ponds, Salt Marsh, Marshes & Wet Meadows | At Risk Breeding Species; Management Concern |
| | <i>Arenaria interpres</i> | Ruddy Turnstone | -- | -- | G5 | SNA | Coastal Dunes/ Beaches/ Small Islands | Shorebird Plan |
| | <i>Bonasa umbellus</i> | Ruffed Grouse | -- | -- | G5 | S5 | Young Forests & Shrublands | Management Concern |
| | <i>Buteo platypterus</i> | Broad-Winged Hawk | -- | -- | G5 | S5 | Shrub Swamps, Forested Swamps, Young Forests & Shrublands, Upland Forest | BBS Decline |
| | <i>Butorides virescens</i> | Green Heron | -- | -- | G5 | S4 | Shrub Swamps, Forested Swamps, Riparian Forest, Marshes & Wet Meadows | BBS Decline |
| | <i>Calichis alba</i> | Sanderling | -- | -- | G5 | SNA | Coastal Dunes/ Beaches/ Small Islands | Shorebird Plan |
| | <i>Calichis canutus</i> | Red Knot | -- | -- | G5 | S2 | Coastal Dunes/ Beaches/ Small Islands | NE F&W Agencies; Shorebird Plan |
| | <i>Caprimulgus vociferus</i> | Whip-poor-will | -- | -- | G5 | S4 | Pitch Pine/Scrub Oak, Young Forests & Shrublands | NE F&W Agencies |
| | <i>Clangula hyemalis</i> | Long-tailed Duck | -- | -- | G5 | SNRN | Marine & Estuarine Habitats, Rocky Coastlines | Wintering Concentration |
| | <i>Colinus virginianus</i> | Northern Bobwhite | -- | -- | G5 | S5 | Pitch Pine/Scrub Oak, Grasslands, Young Forests & Shrublands | BBS Decline; Management Concern |
| | <i>Dendroica discolor</i> | Prairie Warbler | -- | -- | G5 | S5 | Pitch Pine/Scrub Oak, Young Forests & Shrublands | PIF Tier I |

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| | <i>Egretta thula</i> | Snowy Egret | -- | -- | G5 | S1 | Salt Marsh, Coastal Dunes/Beaches/ Small Islands, Marine & Estuarine Habitats | Waterbird Plan |
| | <i>Empidonax traillii</i> | Willow Flycatcher | -- | -- | G5 | S4 | Young Forests & Shrublands | PIF Tier I |
| | <i>Falco sparverius</i> | American Kestrel | -- | -- | G5 | S5 | Grasslands, Young Forests & Shrublands | BBS Decline |
| | <i>Haematopus palliatus</i> | American Oystercatcher | -- | -- | G5 | S2 | Coastal Dunes/ Beaches/ Small Islands | Shorebird Plan |
| | <i>Histrionicus histrionicus</i> | Harlequin Duck | -- | -- | G4 | SNRN | Rocky Coastlines | NE F&W Agencies |
| | <i>Hycichla mustelina</i> | Wood Thrush | -- | -- | G5 | S5 | Upland Forest | PIF Tier I |
| | <i>Larus atricilla</i> | Laughing Gull | -- | -- | G5 | S2 | Coastal Dunes/ Beaches/ Small Islands | At Risk Breeding Species |
| | <i>Limnodromus griseus</i> | Short-billed Dowitcher | -- | -- | G5 | SNA | Coastal Dunes/ Beaches/ Small Islands | Shorebird Plan |
| | <i>Numenius borealis</i> | Eskimo Curlew | E | -- | GH | SX | Coastal Dunes/ Beaches/ Small Islands | Federal List; Shorebird Plan |
| | <i>Numenius phaeopus</i> | Whimbrel | -- | -- | G5 | SNA | Coastal Dunes/ Beaches/ Small Islands | Shorebird Plan |
| | <i>Nycticorax nycticorax</i> | Black-crowned Night-Heron | -- | -- | G5 | S2 | Salt Marsh, Coastal Dunes/Beaches/ Small Islands | At Risk Breeding Species |
| | <i>Pipilo erythrophthalmus</i> | Eastern Towhee | -- | -- | G5 | S5 | Young Forests & Shrublands, Pitch Pine/ Scrub Oak | BBS Decline |
| | <i>Porzana carolina</i> | Sora | -- | -- | G5 | S3 | Marshes & Wet Meadows | Local Rarity & Decline |
| | <i>Scolopax minor</i> | American Woodcock | -- | -- | G5 | S4 | Grasslands, Young Forests & Shrublands | Shorebird Plan; Management Concern |
| | <i>Seiurus motacilla</i> | Louisiana Waterthrush | -- | -- | G5 | S5 | Small Streams, Riparian Forest | NE F&W Agencies |

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| | <i>Somateria mollissima</i> | Common Eider | -- | -- | G5 | S1 | Marine & Estuarine Habitats, Coastal Dunes/ Beaches/ Small Islands, Rocky Coastlines | Wintering Concentration |
| | <i>Spizella pusilla</i> | Field Sparrow | -- | -- | G5 | S5 | Young Forests & Shrublands | BBS Decline |
| | <i>Sturnella magna</i> | Eastern Meadowlark | -- | -- | G5 | S4 | Grasslands, Salt Marsh | BBS Decline |
| | <i>Toxostoma rufum</i> | Brown Thrasher | -- | -- | G5 | S5 | Pitch Pine/Scrub Oak, Young Forests & Shrublands | BBS Decline |
| | <i>Vermivora pinus</i> | Blue-winged Warbler | -- | -- | G5 | S3 | Young Forests & Shrublands | PIF Tier I |
| | <i>Wilsonia canadensis</i> | Canada Warbler | -- | -- | G5 | S5 | Forested Swamps, Riparian Forest | NE F&W Agencies; PIF Tier I |
| | <i>Zonotrichia albicollis</i> | White-throated Sparrow | -- | -- | G5 | S5 | Young Forests & Shrublands, Peatlands, Forested Swamps | BBS Decline |