

State and Federally Listed and Special Concern Species for ME and Associated Habitats

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Scientific Name	Common Name	State	Federal	Habitats and Locations
Birds				
<i>Alca torda</i>	Razorbill	Threatened		Rocky isolated coastal islands; Knox Co. north
<i>Ammodramus savannarum</i>	Grasshopper sparrow	Endangered		Grasslands, blueberry barrens; York, Cumberland, Sagadahoc & Kennebec Co.
<i>Anthus rubescens</i>	American pipit	Endangered (breeding population only)		Alpine tundra; Mount Katahdin
<i>Asio flammeus</i>	Short-eared owl	Threatened		Expansive grasslands, heathlands, or marshes; statewide
<i>Aquila chrysaetos</i>	Golden eagle	Endangered		Mountainous areas; Franklin, Oxford, Somerset, Piscataquis, Penobscot & Aroostook Co.
<i>Bartramia longicauda</i>	Upland sandpiper	Threatened		Large grasslands and barrens (> 150 acres); all except Piscataquis & Franklin Co.
<i>Bucephala islandica</i>	Barrow’s goldeneye	Threatened		Large lakes, rivers and coastal areas; statewide
<i>Catharus bicknelli</i>	Bicknells’ thrush			Low spruce woods in the western mountains & Mount Katahdin
<i>Charadrius melodus</i>	Piping plover	Endangered	Threatened	Coastal beaches; Sagadahoc, Cumberland & York Co.
<i>Cistothorus platensis</i>	Sedge wren	Endangered		Freshwater meadows dominated by grasses and sedges with or without scattered shrubs and adjoining grassed uplands; all except Aroostook
<i>Chlidonias niger</i>	Black tern	Endangered		Large (> 40 acres) shallow emergent marshes in association with still water (e.g., lakes, impoundments) and slow moving streams; Kennebec, Somerset, Piscataquis, Penobscot, Waldo and Washington Co.
<i>Falco peregrinus</i>	Peregrine falcon	Endangered (breeding population only)		Mountainous and coastal cliffs; statewide
<i>Fratercul aartica</i>	Atlantic puffin	Threatened		Coastal islands; Lincoln Co. north
<i>Gallinula chloropus</i>	Common moorhen	Threatened		Marshes and ponds often with extensive emergent vegetation; All of Maine except northern portions of Oxford, Franklin, Somerset, Piscataquis, and Penobscot Co. and western Aroostook Co.
<i>Histrionicus histrionicus</i>	Harlequin duck	Threatened		Coastal areas and islands during October to March; all coastal Co.
<i>Ixobrychus exilis</i>	Least bittern	Endangered		Emergent freshwater marshes (chiefly with cattails), but may occur in saltmarshes; coastal third of Maine from southern Oxford Co. northeast to southern Somerset Co.
<i>Nycticorax nycticorax</i>	Black-crowned night heron	Threatened		Coastal islands with suitable shrubs and trees; Isle of Shoals to Mosconus Bay

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<i>Phalacrocorax carbo</i>	Great Cormorant	Threatened		Coastal islands; 10 – 12 islands in outer Penobscot and Jerico Bays
<i>Sterna antillarum</i>	Least tern	Endangered		Coastal areas on open sand, gravel or shell-covered beaches; Knox, Cumberland & Sagadahoc Co.
<i>Sterna dougallii dougallii</i>	Roseate tern	Threatened	Endangered	Coastal areas; all coastal counties
<i>Sterna paradisaea</i>	Artic tern	Threatened		Coastal islands; all coastal counties
Fish				
<i>Acipenser brevirostrum</i>	Shortnose sturgeon	Endangered	<i>Endangered</i>	Riverine systems and brackish habitats in lower portions of the Penobscot, Kennebec, Sheepscot, Androscoggin Rivers, and Merrymeeting Bay
<i>Acipenser oxyrinchus oxyrinchus</i>	Atlantic sturgeon		<i>Proposed Threatened</i>	Riverine systems and brackish habitats in lower portions of watersheds from the St. Johns to the Piscataquis River.
<i>Esox americanus americanus</i>	Redfin pickerel	Endangered		Kennebec River (lower portions near confluence with Merrymeeting Bay, Sagadahoc Co.
<i>Etheostoma fusiforme</i>	Swamp darter	Threatened		Found in the York, Great Works and Neddick River drainages; York Co.
<i>Salmo salar</i>	Atlantic salmon		Endangered & <i>Critical Habitat</i>	Known to occur in clear coldwater streams and rivers in the Aroostook, St. Croix, South Branch Meduxnekeag, Kennebec, Sandy, Androscoggin, Little Androscoggin, Chardler, Narraguagus, Pleasant, Machias, East Machias, Dennys, Mattawamkeag, Penobscot, Kenduskeag, Piscataquis, Passadumkeag, Marsh, St. George, Sebasticook, Ducktrap, Medomak, Sheepscot, and .Saco Rivers and Tunk, lower Prestile, Molunkus, Seboeis, Sunkhaze, Birch, and Souadabscook Streams and their tributaries
Insects				
<i>Boloria chariclea grandis</i>	Purple lesser fritillary	Threatened		Dry boreal woodland; northern Aroostook Co.
<i>Callophrys gryneus</i>	Juniper hairstreak	Endangered		Old fields and hilltops with eastern red cedar; southern York Co.
<i>Callophrys hesseli</i>	Hessel’s hairstreak	Endangered		Swamps or bogs with Atlantic cedar present; York Co.
<i>Epeorus frisoni</i>	Roaring brook mayfly	Endangered		High-gradient, clear mountain streams with cascades, large boulders and a coarse granite bottom; Roaring Brook, Mt Katadin, Piscataquis Co.

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<i>Erynnis brizo</i>	Sleepy duskywing	Threatened		Pitch pine-scrub oak barrens and dry woodlands; southern York Co.
<i>Gomphus quadricolor</i>	Rapids clubtail	Endangered		Large forested streams and rivers; Saco River, York Co.
<i>Lycaeides melissa samuelis</i>	Karner blue butterfly		Endangered	Dry sandy areas with open woods and clearings that support native wild lupine (typically pitch pine – scrub oak woodlands); <i>extirpated</i> , but occurred in Oxford plains near Norway, Oxford Co.
<i>Lycaena dorcas claytoni</i>	Clayton’s copper butterfly	Endangered		Along the edge of calcareous limestone wetlands, non-acidic bogs and fens, and streamside shrublands and meadows where shrubby cinquefoil occurs (its larval host plant); Aroostook, Penobscot and Piscataquis Co.
<i>Lycia rachelae</i>	Twilight moth	Threatened		Sandy soils in pitch pine - oak barrens; southern Oxford & York Co.
<i>Nicrophorus americanus</i>	American burying beetle		Endangered	Grasslands to forest edge woodlands and shrub thickets with well-drained soils & a detritus layer conducive to digging; <i>extirpated</i> , but occurred primarily southwestern and a few locations in central Maine
<i>Oeneis polixenes katahdin</i>	Katahdin arctic butterfly	Endangered		Alpine tundra on the summit of Mt. Katahdin; Piscataquis Co.
<i>Ophiogomphus columbrinus</i>	Boreal snaketail	Threatened		Forested streams and rivers; Saco (Oxford & Cumberland Co) and St. John Rivers (Aroostook Co).
<i>Siphonisca aerodromia</i>	Tomah mayfly	Threatened		Small rivers and streams bordered by extensive areas of sedge Meadow floodplain; known locations in Aroostook, Washington, Hancock, Penobscot, Somerset & Franklin Co. Probably in Piscataquis Co. as well.
<i>Satyrium edwardsii</i>	Edwards’ hairstreak	Endangered		Dry oak thickets in pine woodlands (pitch pine – oak barrens); Oxford and York Co.
<i>Williamsonia lintneri</i>	Ringed boghaunter	Threatened		Small acidic pocket swamps, fens & vernal pools; York and southern Oxford Co.
<i>Zanclognatha martha</i>	Pine barrens zanclognatha	Threatened		Pitch pine - oak barrens; southern Oxford & York Co.

Mammals

<i>Balaenoptera borealis</i>	Sei whale	Endangered	<i>Endangered</i>	Pelagic and coastal areas; all coastal Co.
<i>Balaenoptera physalus</i>	Finback whale	Endangered	<i>Endangered</i>	Pelagic and coastal areas; all coastal Co.
<i>Canis lupus</i>	Gray wolf		Endangered	Large undeveloped blocks of forest; Aroostook, Hancock Penobscot, Piscataquis, Somerset & Washington Co.
<i>Eubalaena glacialis</i>	Northern right whale	Endangered	<i>Endangered</i>	Pelagic and coastal areas; all coastal Co.

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<i>Felis concolor cougar</i>	Eastern cougar		Endangered	Large undeveloped blocks of forest, grassland and alpine habitats; extirpated, but could have occurred in Aroostook,
<i>Lynx canadensis</i>	Canada lynx		Threatened & Critical Habitat	Piscataquis, Penobscot, Somerset, and Penobscot Co. Large undeveloped blocks of dense early successional forest regeneration (especially boreal forest, 10 – 20 yrs after disturbance); Aroostook, Piscataquis, Somerset & Franklin Co.
<i>Megaptera novaeangliae</i>	Humpback whale	Endangered	Endangered	Pelagic and coastal areas; all coastal Co.
<i>Physeter catodon</i>	Sperm whale	Endangered	Endangered	Pelagic and coastal areas; all coastal Co.
<i>Sylvilagus transitionalis</i>	New England cottontail	Endangered	Federal candidate	Shrub thickets and dense early successional forest; primarily in eastern half of York and Cumberland Co.
<i>Synaptomys borealis</i>	Northern bog lemming	Threatened		Moist, wet meadows or boggy areas often associated with arctic or alpine tundra and spruce-fir forests; Piscataquis (near and in Baxter State Park) & Franklin Co.
Mollusks				
<i>Alasmidonta varicose</i>	Brook floater	Threatened		Rivers and streams of high water quality and stable substrates of the Atlantic coastal region (St. George, Sheepscot, Marsh Stream, Penobscot watershed, and most Downeast salmon rivers; Aroostook, Cumberland, Hancock, Kennebec, Knox, Lincoln, Penobscot, Piscataquis, Somerset, Waldo & Washington Co.
<i>Lampsilis cariosa</i>	Yellow lampmussel	Threatened		Medium to large rivers, also lakes and ponds and will tolerate impoundments. Suitable bottom substrates include: silt, sand, cobble, and gravel; known to occur in the Penobscot, St. George and lower Kennebec River watersheds; Aroostook, Kennebec, Knox, Penobscot, Piscataquis, Waldo & Washington Co.
<i>Leptodea ochracea</i>	Tidewater mucket	Threatened		Coastal lakes, ponds and slow-moving portions of rivers, and will tolerate impoundments. Suitable bottom substrates include: silt, sand, gravel and cobble; Merrymeeting Bay and the Penobscot, St. George, lower Kennebec and Androscoggin Rivers; Hancock, Kennebec, Knox, Lincoln, Penobscot, Sagadahoc, Somerset & Waldo Co.
Plants (Note: plant species with federal protected status are listed below; a separate document lists State-protected or special concern plants)				
<i>Isotria medeoloides</i>	Small Whorled Pagonia	Endangered	Threatened	Upland mixed-deciduous or mixed-deciduous/coniferous forests with sparse to moderate ground cover, a relatively open understory, proximity to long-persisting breaks in forest canopy (e.g., streams, roads), on acidic, nutrient poor soils with a fragipan, and on 0 – 17% slopes. Populations are known to exist in York, Cumberland, Oxford, and Kennebec Co.

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<i>Pedicularis furbishiae</i>	Furbish’s lousewort	Endangered	Endangered	Shrub- or herb-dominated seepy riverbanks between the forest edge and the summer water level; St. John River, Aroostook Co.
<i>Plantanthera leucophaea</i>	Eastern prairie fringe orchid	Endangered	Threatened	Wet prairie or open swamps, or bogs or fens and shores (open wetland, not coastal nor rivershore); Aroostook Co.
Reptiles				
<i>Caretta caretta</i>	Atlantic loggerhead turtle	Threatened	<i>Threatened</i>	Pelagic and coastal areas, summer only; all coastal Co.
<i>Dermochelys coriacea</i>	Leatherback (=leathery) turtle	Endangered	<i>Endangered</i>	Pelagic and coastal areas, summer only; all coastal Co..
<i>Lepidochelys kempii</i>	Atlantic ridley turtle	Endangered	<i>Endangered</i>	Pelagic and coastal areas, summer only; all coastal Co.
<i>Clemmys guttata</i>	Spotted turtle	Threatened		Vernal pools, wetlands, bogs and riparian zones within a forested Landscape; York, Cumberland, Androscoggin Sagadahoc, Lincoln, Kennebec, Knox, Waldo, and southern portions of Oxford, Franklin, Somerset, & Hancock Co.
<i>Emydoidea blandingii</i>	Blanding’s turtle	Endangered		Small wetlands and vernal pools within large blocks of forested habitat (> 500 acres); York, Cumberland and souther portions of Oxford & Adroscoggin Co.
<i>Terrapeme carolina</i>	Box turtle	Endangered		Moist woodlands, bushy fields and meadows, bogs, marshes Possibly portions of York or Cumberland Co.
<i>Coluber constrictor</i>	Black racer	Endangered		Deciduous and coniferous forest and woodlands interspersed with, fields, swamps, marshes, and grasslands; York, Cumberland and southern Oxford Co.

State Special Concern Animal Species

Special Concern Species: Any species of fish or wildlife that does not meet the criteria as Endangered or Threatened but is particularly vulnerable and could become a Threatened, Endangered or Extirpated Species due to restricted distribution, low or declining numbers, specialized habitat needs or limits, or other factors, or is a species likely deserving of threatened or endangered status, but for which insufficient data are currently available.

Amphibians

Spring salamander (*Gyrinophilus porphyriticus*)
Four-toed salamander (*Hemidactylium scutatum*)
Northern leopard frog (*Rana pipiens*)

Birds

Leach's storm-petrel (*Oceanodroma leucorhoa*)
Cooper's hawk (*Accipiter cooperii*)
Northern goshawk (*Accipiter gentilis*)
Yellow rail (*Coturnicops noveboracensis*)
American coot (*Fulica americana*)
Whimbrel (*Numenius phaeopus*)
Red-necked phalarope (*Phalaropus lobatus*)
Laughing gull (*Larus atricilla*)
Common tern (*Sterna hirundo*)
Eastern screech-owl (*Otus asio*)
Three-toed woodpecker (*Picoides tridactylus*)
Olive-sided flycatcher (*Contopus cooperi*)
Bicknell's thrush (*Catharus bicknelli*)
Migrant loggerhead shrike (*Lanius ludovicianus migrans*)
Vesper sparrow (*Pooecetes gramineus*)
Eastern meadowlark (*Sturnella magna*)
Rusty blackbird (*Euphagus carolinus*)
Orchard oriole (*Icterus spurius*)
Bald eagle (*Haliaeetus leucocephalus*)

Fish

Landlocked arctic charr (*Salvelinus alpinus oquassa*)
Bridle shiner (*Notropis bifrenatus*)
Creek chubsucker (*Erimyzon oblongus*)

Insects

An armored mayfly (*Baetisca berneri*)
An armored mayfly (*Baetisca carolina*)
A cleft-footed minnow mayfly (*Metretopus borealis*)
A flat-headed mayfly (*Rhithrogena brunneotincta*)
Spicebush swallowtail (*Papilio troilus*)
Western pine elfin (*Incisalia eryphon*)
Bog elfin (*Callophrys lanoraieensis*)
Crowberry blue (*Lycaeides idas empetri*)
Regal fritillary (*Speyeria idalia*)
Bog fritillary (*Boloria eunomia dawsoni*)
Tawny crescent (*Phyciodes batesii*)

Barrens itame (*Itame sp.1*)
Pine devil (*Citheronia sepulcralis*)
The buckmoth (*Hemileuca maia maia*)
Southern pine sphinx (*Lapara coniferarum*)
Huckleberry sphinx (*Paonias astylus*)
Oblique zale (*Zale obliqua*)
Pine barrens zale (*Zale sp.1*)
Precious underwing (*Catocala pretiosa pretiosa*)
Similar underwing (*Catocala similis*)
Acadian swordgrass moth (*Xylena thoracica*)
Pine pinion (*Lithophane lepida lepida*)
Thaxter's pinion (*Lithophane thaxteri*)
Annointed sawfly (*Pyreferra ceromatica*)
Red-winged sawfly (*Xystocheilus rufago*)
A noctuid moth (*Chaetagnathia cerata*)
Barrens chaetagnathia (*Chaetagnathia tremula*)
Barrens xylotype (*Xylotype capax*)
Cobra clubtail (*Gomphus vastus*)
Arrow clubtail (*Stylurus spiniceps*)
Southern pygmy clubtail (*Lanthus vernalis*)
Extra-striped snaketail (*Ophiogomphus anomalus*)
Common sanddragon (*Progomphus obscurus*)
Quebec emerald (*Somatochlora brevicincta*)
New England bluet (*Enallagma laterale*)
Tule bluet (*Enallagma carunculatum*)
Big bluet (*Enallagma durum*)
Scarlet bluet (*Enallagma pictum*)
Dusky dancer (*Argia translata*)
Citrine forktail (*Ishnura hastata*)
Ramburs forktail (*Ishnura ramburii*)
Sedge darner (*Aeshna juncea*)
Comet darner (*Anax longipes*)
Swamp darner (*Epiaeschna heros*)
Spatterdock darner (*Rhionaeschna mutata*)
Arrowhead spiketail (*Cordulegaster obliqua*)
Broadtailed shadowdragon (*Neurocordulia michaeli*)
Canada whiteface (*Leucorrhinia patricia*)
Needhams skimmer (*Libellula needhami*)
Variegated meadowhawk (*Sympetrum corruptum*)
Carolina saddlebags (*Tramea carolina*)
Black saddlebags (*Tramea lacerata*)

Mammals

Long-tailed shrew (*Sorex dispar*)
Little brown bat (*Myotis lucifugus*)
Eastern small-footed myotis (*Myotis leibii*)
Northern myotis (*Myotis septentrionalis*)

Silver-haired bat (*Lasionycteris noctivagans*)
Eastern pipistrelle (*Pipistrellus subflavus*)
Big brown bat (*Eptesicus fuscus*)
Eastern red bat (*Lasiurus borealis*)
Hoary bat (*Lasiurus cinereus*)
Southern flying squirrel (*Glaucomys volans*)
Penobscot meadow vole (*Microtus pennsylvanicus shattucki*)
Yellow-nosed vole (*Microtus chrotorrhinus*)
Gray wolf (*Canis lupus*)
Canada lynx (*Felis lynx canadensis*)
Eastern cougar (*Felis concolor*)

Mollusks

Triangle floater (*Alasmidonta undulata*)
Creepers (*Strophitus undulatus*)
Mystery vertigo (*Vertigo paradoxa*)

Reptiles

Wood turtle (*Clemmys insculpta*)
Common musk turtle (*Sternotherus odoratus*)
Brown snake (*Storeria dekayi*)
Ribbon snake (*Thamnophis sauritus*)

References

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