

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

- Note: Only federally listed plant species are included (state listed plants are in a separate document); “=” means a.k.a.; “SA” means similarity of appearance
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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 Moscongus 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>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	Clear coldwater streams and rivers; Saco, lower Kennebec, lower Androscoggin, Sheepscot, Penobscot, Cove Brook, Passagassawakeag, Ductrap, Narraguagus, Pleasant, Machias East Machias, Dennys, and St. Croix Rivers.
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.
<i>Erymnis 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.

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<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.
<i>Felis concolor cougar</i>	Eastern cougar		Endangered	Large undeveloped blocks of forest, grassland and alpine habitats; <i>extirpated</i> , but could have occurred in Aroostook, Piscataquis, Penobscot, Somerset, and Penobscot Co.
<i>Lynx canadensis</i>	Canada lynx		Threatened	Large undeveloped blocks of dense early successional forest regeneration (especially boreal forest, 10 – 20 yrs after), disturbance; Aroostook, Piacataquis, Somerset & Franklin Co.

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<i>Megaptera novaeangliae</i>	Humpback whale	Endangered	<i>Endangered</i>	Pelagic and coastal areas; all coastal Co.
<i>Physeter catodon</i>	Sperm whale	Endangered	<i>Endangered</i>	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>Alasmodonta 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 (<i>Note: plant species with a federal status are listed below; a separate document lists listed or special concern plants</i>)				
<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 kempi</i>	Atlantic ridley turtle	Endangered	<i>Endangered</i>	Pelagic and coastal areas, summer only; all coastal Co.

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<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 easily become a Threatened Species or an Endangered or Extirpated Species due to restricted distribution, low or declining numbers, specialized habitat needs or limits, or other factors, or is a species suspected to be Endangered or Threatened or likely to become so but for which insufficient data are available.

Amphibians

Spring salamander (*Gyrinophilus porphyriticus*)
Four-toed salamander (*Hemidactylum 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 sepulchralis*)
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 (*Chaetagnela cerata*)
Barrens chaetagnela (*Chaetagnela tremula*)
Barrens xylophaga (*Xylophaga 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 (*Epiaschna 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*)
Creeper (*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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