

## **THREATENED AND ENDANGERED SPECIES**

### **INTRODUCTION**

This section contains information about endangered species in New York State.

### **POLICY**

The Natural Resources Conservation Service has responsibility to protect federal and state listed endangered species and their habitat(s). National Policy is contained in the General Manual, Title 190 - Ecological Sciences, Part 410, Subsection 410.22 "Threatened and Endangered Species of Plants and Animals".

If there is potential that a proposed or planned practice or action will adversely impact a species and/or its habitat, no further assistance will be provided by the NRCS. This agency will initiate consultations with the U.S. Fish and Wildlife Service and the New York State - Department of Environmental Conservation only at the request of the landowner. If such a situation arises, NRCS personnel are directed to immediately contact the State Biologist for further instructions.

### ***ENDANGERED SPECIES***

Species in danger of extinction throughout all, or a significant portion of its range.

### ***THREATENED SPECIES***

Likely to become endangered within the foreseeable future throughout all, or a significant portion, of its range.

### ***PROPOSED SPECIES (EITHER THREATENED OR ENDANGERED)***

Species proposed for listing under the Endangered Species Act.

The disappearance of any of these species would be a biological, cultural or economic loss. Their existence contributes to scientific knowledge and understanding, and their presence adds interest and variety to life.

NRCS's concern for these species includes the Federally listed species from the:

1. United States Department of the Interior-Fish and Wildlife Service,
2. United States Department of Commerce-National Oceanographic and Atmospheric Administration-National Marine Fisheries Service, and the

3. New York State Department of Environmental Conservation.

**NEW YORK FEDERAL LISTING**

*Notes:*

*Displays one record per species or population. Includes experimental populations and similarity of appearance listings. The range of a listed population does not extend beyond the states in which that population is defined. Includes non-nesting sea turtles and whales in State/Territory coastal waters. Includes species or populations under the sole jurisdiction of the [National Marine Fisheries Service](#).*

The federal lists are from the Threatened and Endangered Species System (TESS) found on the Internet at: <http://ecos.fws.gov/servlet/TESSUsmap?status=listed> . The New York list is found at: <http://ecos.fws.gov/servlet/TESSWebpageUsaLists?state=NY> .

The species counted include listed pinnipeds (seals, etc.) and anadromous fishes under the sole jurisdiction of the [National Marine Fisheries Service](#) that use land or fresh waters within the States and Territories of the United States. Species are not broken up into listing entities as they are in the State List reports, however, if a species is not listed in a state it is not counted, although it may occur there in a non-protected population.

**NEW YORK -- 26 LISTINGS**

**ANIMALS -- 20**

<u>Status Listing</u>	<u>Common Name</u>	<u>Scientific Name</u>
E	Bat, Indiana	( <u><i>Myotis sodalis</i></u> )
E	Butterfly, Karner blue	( <u><i>Lycaeides melissa samuelis</i></u> )
T	Eagle, bald (lower 48 States)	( <u><i>Haliaeetus leucocephalus</i></u> )
T	Lynx, Canada (lower 48 States DPS)	( <u><i>Lynx canadensis</i></u> )
E	Plover, piping (Great Lakes watershed)	( <u><i>Charadrius melodus</i></u> )
T	Plover, piping (except Great Lakes watershed)	( <u><i>Charadrius melodus</i></u> )
E	Puma (=cougar), eastern	( <u><i>Puma (=Felis) concolor cougar</i></u> )
T	Sea turtle, green (except where endangered)	( <u><i>Chelonia mydas</i></u> )
E	Sea turtle, hawksbill	( <u><i>Eretmochelys imbricata</i></u> )
E	Sea turtle, Kemp's ridley	( <u><i>Lepidochelys kempii</i></u> )
E	Sea turtle, leatherback	( <u><i>Dermochelys coriacea</i></u> )
T	Sea turtle, loggerhead	( <u><i>Caretta caretta</i></u> )
T	Snail, Chittenango ovate amber	( <u><i>Succinea chittenangoensis</i></u> )
E	Sturgeon, shortnose	( <u><i>Acipenser brevirostrum</i></u> )
E	Tern, roseate (northeast U.S. nesting pop.)	( <u><i>Sterna dougallii dougallii</i></u> )
T	Turtle, bog (=Muhlenberg) (northern)	( <u><i>Clemmys muhlenbergii</i></u> )
E	Wedgemussel, dwarf	( <u><i>Alasmidonta heterodon</i></u> )
E	Whale, finback	( <u><i>Balaenoptera physalus</i></u> )

**NEW YORK -- 26 LISTINGS**

**ANIMALS – 20 (CONTINUED)**

<u>Status Listing</u>	<u>Common Name</u>	<u>Scientific Name</u>
E	Whale, humpback	( <u><i>Megaptera novaeangliae</i></u> )
E	Whale, right	( <u><i>Balaena glacialis (incl. australis)</i></u> )

**PLANTS – 6**

<u>Status Listing</u>	<u>Common Name</u>	<u>Scientific Name</u>
T	Monkshood, northern wild	( <u><i>Aconitum noveboracense</i></u> )
E	Gerardia, sandplain	( <u><i>Agalinis acuta</i></u> )
T	Amaranth, seabeach	( <u><i>Amaranthus pumilus</i></u> )
T	Fern, American hart's-tongue	( <u><i>Asplenium scolopendrium var. americanum</i></u> )
T	Roseroot, Leedy's	( <u><i>Sedum integrifolium ssp. leedyi</i></u> )
T	Goldenrod, Houghton's	( <u><i>Solidago houghtonii</i></u> )

## LIST OF ENDANGERED, THREATENED AND SPECIAL CONCERN FISH & WILDLIFE SPECIES OF NEW YORK STATE

<http://www.dec.state.ny.us/website/dfwmr/wildlife/endspec/etsclist.html>

### ENDANGERED

#### Molluscs:

♦ <a href="#">Dwarf Wedgemussel</a>	<i>Alasmodonta heterodon</i>
♦ Pink mucket	<i>Lampsilis abrupta</i>
♦ Clubshell	<i>Pleurobema clava</i>
♦ Fat pocketbook	<i>Potamilus capax</i>
Rayed Bean	<i>Villosa fabalis</i>
♦ <a href="#">Chittenango Ovate Amber Snail</a>	<i>Novisuccinea chittenangoensis</i>

#### Insects:

Tomah Mayfly	<i>Siphonisca aerodromia</i>
*♦ <a href="#">American Burying Beetle</a>	<i>Nicrophorus americanus</i>
Hessel's Hairstreak	<i>Callophrys hesseli</i>
♦ <a href="#">Karner Blue</a>	<i>Lycaeides melissa samuelis</i>
Regal Fritillary	<i>Speyeria idalia</i>
Persius Duskywing	<i>Erynnis persius</i>
Grizzled Skipper	<i>Pyrgus centaureae wyandot</i>
Arogos Skipper	<i>Atrytone arogos arogos</i>
Bog Buckmoth	<i>Hemileuca species 1</i>
Pine Pinion Moth	<i>Lithophane lepida lepida</i>

#### Fishes:

♦ <a href="#">Shortnose Sturgeon</a>	<i>Acipenser brevirostrum</i>
* <a href="#">Silver Chub</a>	<i>Macrhybopsis storeriana</i>
<a href="#">Pugnose Shiner</a>	<i>Notropis anogenus</i>
<a href="#">Round Whitefish</a>	<i>Prosopium cylindraceum</i>
<a href="#">Bluebreast Darter</a>	<i>Etheostoma camurum</i>
* <a href="#">Gilt Darter</a>	<i>Percina evides</i>
* <a href="#">Spoonhead Sculpin</a>	<i>Cottus ricei</i>
<a href="#">Deepwater Sculpin</a>	<i>Myoxocephalus thompsoni</i>

#### Amphibians:

<a href="#">Tiger Salamander</a>	<i>Ambystoma tigrinum</i>
<a href="#">Northern Cricket Frog</a>	<i>Acris crepitans</i>

**Reptiles:**

<a href="#">Mud Turtle</a>	<i>Kinosternon subrubrum</i>
• <a href="#">Bog Turtle</a>	<i>Clemmys muhlenbergii</i>
♦ <a href="#">Atlantic Hawksbill Sea Turtle</a>	<i>Eretmochelys imbricata</i>
♦ <a href="#">Atlantic Ridley Sea Turtle</a>	<i>Lepidochelys kempii</i>
♦ <a href="#">Leatherback Sea Turtle</a>	<i>Dermochelys coriacea</i>
Queen Snake	<i>Regina septemvittata</i>
<a href="#">Massasauga</a>	<i>Sistrurus catenatus</i>

**Birds:**

* <a href="#">Golden Eagle</a>	<i>Aquila chrysaetos</i>
<a href="#">Peregrine Falcon</a>	<i>Falco peregrinus</i>
<a href="#">Spruce Grouse</a>	<i>Falcapennis canadensis</i>
Black Rail	<i>Laterallus jamaicensis</i>
•♦ <a href="#">Piping Plover</a> <sup>1</sup>	<i>Charadrius melodus</i>
*♦ <a href="#">Eskimo Curlew</a>	<i>Numenius borealis</i>
♦ <a href="#">Roseate Tern</a>	<i>Sterna dougallii dougallii</i>
Black Tern	<i>Chlidonias niger</i>
Short-eared Owl	<i>Asio flammeus</i>
<a href="#">Loggerhead Shrike</a>	<i>Lanius ludovicianus</i>

**Mammals:**

♦ <a href="#">Indiana Bat</a>	<i>Myotis sodalis</i>
* <a href="#">Allegheny Woodrat</a>	<i>Neotoma magister</i>
♦ <a href="#">Sperm Whale</a>	<i>Physeter catodon</i>
♦ <a href="#">Sei Whale</a>	<i>Balaenoptera borealis</i>
♦ <a href="#">Blue Whale</a>	<i>Balaenoptera musculus</i>
♦ <a href="#">Finback Whale</a>	<i>Balaenoptera physalus</i>
♦ <a href="#">Humpback Whale</a>	<i>Megaptera novaeangliae</i>
♦ <a href="#">Right Whale</a>	<i>Eubalaena glacialis</i>
*♦ <a href="#">Gray Wolf</a>	<i>Canis lupus</i>
*♦ <a href="#">Cougar</a>	<i>Felis concolor</i>

## Threatened

**Molluscs:**

Brook Floater	<i>Alasmidonta varicosa</i>
Wavy-rayed Lampmussel	<i>Lampsilis fasciola</i>
Green Floater	<i>Lasmigona subviridis</i>

**Insects:**

Pine Barrens Bluet	<i>Enallagma recurvatum</i>
Scarlet Bluet	<i>Enallagma pictum</i>
Little Bluet	<i>Enallagma minisculum</i>
*• <a href="#">Northeastern Beach Tiger Beetle</a>	<i>Cicindela dorsalis dorsalis</i>
Frosted Elfin	<i>Callophrys irus</i>

**Fishes:**

<a href="#">Lake Sturgeon</a>	<i>Acipenser fulvescens</i>
<a href="#">Mooneye</a>	<i>Hiodon tergisus</i>
* <a href="#">Lake Chubsucker</a>	<i>Erimyzon sucetta</i>
<a href="#">Gravel Chub</a>	<i>Erimystax x-punctata</i>
* <a href="#">Mud Sunfish</a>	<i>Acantharchus pomotis</i>
<a href="#">Banded Sunfish</a>	<i>Enneacanthus obesus</i>
<a href="#">Longear Sunfish</a>	<i>Lepomis megalotis</i>
<a href="#">Longhead Darter</a>	<i>Percina macrocephala</i>
<a href="#">Eastern Sand Darter</a>	<i>Ammocrypta pellucida</i>
<a href="#">Swamp Darter</a>	<i>Etheostoma fusiforme</i>
<a href="#">Spotted Darter</a>	<i>Etheostoma maculatum</i>

**Amphibians:**

None Listed

**Reptiles:**

<a href="#">Blanding's Turtle</a>	<i>Emydoidea blandingii</i>
• <a href="#">Green Sea Turtle</a>	<i>Chelonia mydas</i>
• <a href="#">Loggerhead Sea Turtle</a>	<i>Caretta caretta</i>
Fence Lizard	<i>Sceloporus undulatus</i>
<a href="#">Timber Rattlesnake</a>	<i>Crotalus horridus</i>

**Birds:**

Pied-billed Grebe	<i>Podilymbus podiceps</i>
Least Bittern	<i>Ixobrychus exilis</i>
• <a href="#">Bald Eagle</a>	<i>Haliaeetus leucocephalus</i>
<a href="#">Northern Harrier</a>	<i>Circus cyaneus</i>
King Rail	<i>Rallus elegans</i>
Upland Sandpiper	<i>Bartramia longicauda</i>
<a href="#">Common Tern</a>	<i>Sterna hirundo</i>
<a href="#">Least Tern</a>	<i>Sterna antillarum</i>
Sedge Wren	<i>Cistothorus platensis</i>
Henslow's Sparrow	<i>Ammodramus henslowii</i>

**Mammals:**

\*•<> [Canada Lynx](#)

*Lynx canadensis*

**Special Concern**

**Molluscs:**

Buffalo Pebble Snail  
Fringed Valvata  
Mossy Valvata

*Gillia attilis*  
*Valvata lewisi*  
*Valvata sincera*

**Insects:**

Unnamed Dragonfly Species  
Southern Sprite  
Extra Striped Snaketail  
Pygmy Snaketail  
Common Sanddragon  
Gray Petaltail  
Checkered White  
Olympia Marble  
Henry's Elfin  
Tawny Crescent  
Mottled Duskywing  
Barrens Buckmoth  
Herodias Underwing  
Jair Underwing  
A Noctuid Moth

*Gomphus spec. nov.*  
*Nehalennia integricollis*  
*Ophiogomphus anomalus*  
*Ophiogomphus howei*  
*Progomphus obscurus*  
*Tachopteryx thoreyi*  
*Pontia protodice*  
*Euchloe olympia*  
*Callophrys henrici*  
*Phyciodes batesii*  
*Erynnis martialis*  
*Hemileuca maia*  
*Catocala herodias gerhardi*  
*Catocala jair*  
*Heterocampa varia*

**Fishes:**

[Mountain Brook Lamprey](#)  
[Black Redhorse](#)  
[Streamline Chub](#)  
[Redfin Shiner](#)  
[Ironcolor Shiner](#)

*Ichthyomyzon greeleyi*  
*Moxostoma duquesnei*  
*Erymystax dissimilis*  
*Lythrurus umbratilis*  
*Notropis chalybaeus*

**Amphibians:**

[Hellbender](#)  
Marbled Salamander  
Jefferson Salamander  
Blue-spotted Salamander

*Cryptobranchus alleganiensis*  
*Ambystoma opacum*  
*Ambystoma jeffersonianum*  
*Ambystoma laterale*

Longtail Salamander  
Eastern Spadefoot Toad  
Southern Leopard Frog

*Eurycea longicauda*  
*Scaphiopus holbrookii*  
*Rana sphenoccephala utricularius*

**Reptiles:**

Spotted Turtle

Wood Turtle  
Eastern Box Turtle  
Eastern Spiny Softshell  
Eastern Hognose Snake  
Worm Snake

*Clemmys guttata*  
*Clemmys insculpta*  
*Terrapene carolina*  
*Apalone spinifera*  
*Heterodon platyrhinos*  
*Carphophis amoenus*

**Birds:**

Common Loon  
American Bittern  
Osprey  
Sharp-shinned Hawk  
Cooper's Hawk  
Northern Goshawk  
Red-shouldered Hawk  
Black Skimmer  
Common Nighthawk  
Whip-poor-will  
Red-headed Woodpecker  
Horned Lark  
Bicknell's Thrush  
Golden-winged Warbler  
Cerulean Warbler  
Yellow-breasted Chat  
Vesper Sparrow  
Grasshopper Sparrow  
Seaside Sparrow

*Gavia immer*  
*Botaurus lentiginosus*  
*Pandion haliaetus*  
*Accipiter striatus*  
*Accipiter cooperii*  
*Accipiter gentilis*  
*Buteo lineatus*  
*Rynchops niger*  
*Chordeiles minor*  
*Caprimulgus vociferus*  
*Melanerpes erythrocephalus*  
*Eremophila alpestris*  
*Catharus bicknelli*  
*Vermivora chrysoptera*  
*Dendroica cerulea*  
*Icteria virens*  
*Poocetes gramineus*  
*Ammodramus savannarum*  
*Ammodramus maritimus*

**Mammals:**

Small-footed Bat  
New England Cottontail  
Harbor Porpoise

*Myotis leibii*  
*Sylvilagus transitionalis*  
*Phocoena phocoena*

- ◆ Currently listed as "endangered" by the U.S. Department of the Interior.
- Currently listed as "threatened" by the U.S. Department of the Interior.
- \* Species is extirpated from New York State.
- 1. Piping Plover is listed as federally endangered in the Great Lakes Region, and as federally threatened in the Atlantic Coastal Region.

<b>Definitions</b>
<b>Extinct</b> - Species is no longer living or existing.
<b>Extirpated</b> - Species is not extinct, but no longer occurring in a wild state within New York, or no longer exhibiting patterns of use traditional for that species in New York (e.g. historical breeders no longer breeding here).
<b>Endangered</b> - Any native species in imminent danger of extirpation or extinction in New York State.
<b>Threatened</b> - Any native species likely to become an endangered species within the foreseeable future in New York State.
<b>Special Concern</b> - Any native species for which a welfare concern or risk of endangerment has been documented in New York State.

Authority: Environmental Conservation Law of New York, Section 11-0535 and 6 NYCRR (New York Code of Rules and Regulations) [Part 182](#) - effective (last promulgated in state regulation) December 4, 1999.