



Appendix M

**FEDERALLY LISTED ENDANGERED AND THREATENED
SPECIES AND CANDIDATE SPECIES IN NEW YORK (By County)**

This list represents the best available information regarding known or likely County occurrences of Federally-listed and candidate species and is subject to change as new information becomes available.

COUNTY

<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
ALBANY		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle (<i>Historic</i>)	<i>Clemmys [=Glyptemys] muelenbergii</i>	T
Indiana bat (W/S)	<i>Myotis sodalis</i>	E
Karner blue butterfly	<i>Lycaeides melissa samuelis</i>	E
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
ALLEGANY		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
BRONX		
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
BROOME		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
CATTARAUGUS		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Clubshell	<i>Pleurobema clava</i>	E
Rayed bean	<i>Villosa fabalis</i>	P
CAYUGA		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys] muelenbergii</i>	T
Indiana bat (S)	<i>Myotis sodalis</i>	E
CHAUTAUQUA		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Clubshell	<i>Pleurobema clava</i>	E
Rayed bean	<i>Villosa fabalis</i>	P
CHEMUNG²		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D

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<u>COUNTY</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
CHENANGO	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
CLINTON	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
	Indiana bat (S)	<i>Myotis sodalis</i>	E
COLUMBIA	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
	Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
	Indiana bat (S)	<i>Myotis sodalis</i>	E
	New England cottontail	<i>Sylvilagus transitionalis</i>	C
	Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
CORTLAND ²			
DELAWARE	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
	Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	E
	Northern monkshood	<i>Aconitum noveboracense</i>	T
DUTCHESS	Atlantic sturgeon ¹	<i>Acipenser oxyrinchus oxyrinchus</i>	P
	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
	Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
	Dwarf wedgemussel (Housatonic River Drainage)	<i>Alasmidonta heterodon</i>	E
	Indiana bat (S)	<i>Myotis sodalis</i>	E
	New England cottontail	<i>Sylvilagus transitionalis</i>	C
	Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E

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<u>COUNTY</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
ERIE ²			
ESSEX			
	Indiana bat (W/S)	<i>Myotis sodalis</i>	E
FRANKLIN			
	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
FULTON			
	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
GENESEE			
	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
	Bog turtle (<i>Historic</i>)	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
	Eastern massasauga	<i>Sistrurus catenatus catenatus</i>	C
	Eastern prairie fringed orchid (<i>Historic</i>)	<i>Platanthera leucophea</i>	T
	Houghton's goldenrod	<i>Solidago houghtonii</i>	T
GREENE			
	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
	Indiana bat (S)	<i>Myotis sodalis</i>	E
	Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
HAMILTON			
	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
HERKIMER ²			
JEFFERSON			
	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
	Indiana bat (W/S)	<i>Myotis sodalis</i>	E
	Piping plover {Designated Critical Habitat}	<i>Charadrius melodus</i>	E
KINGS			
	Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
LEWIS			
	Indiana bat (S)	<i>Myotis sodalis</i>	E

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<u>COUNTY</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
LIVINGSTON	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
MADISON	American hart's-tongue fern	<i>Asplenium scolopendrium</i> var. <i>americana</i>	T
	Chittenango ovate amber snail	<i>Novisuccinea chittenangoensis</i>	T
	Indiana bat (S)	<i>Myotis sodalis</i>	E
MONROE	Bog turtle (Riga and Sweden Townships)	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
MONTGOMERY ²			
NASSAU	Piping plover ⁵	<i>Charadrius melodus</i>	T
	Roseate tern	<i>Sterna dougallii dougallii</i>	E
	Sandplain gerardia	<i>Agalinis acuta</i>	E
	Seabeach amaranth	<i>Amaranthus pumilus</i>	T
	Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
	Small whorled pogonia (Historic)	<i>Isotria medeoloides</i>	T
NEW YORK	Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
NIAGARA	Bald eagle	<i>Haliaeetus leucocephalus</i>	D
	Eastern prairie fringed orchid (Historic)	<i>Platanthera leucophea</i>	T
ONEIDA	Bog turtle (Camden, Florence Townships)	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
	Indiana bat (S)	<i>Myotis sodalis</i>	E

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<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
ONONDAGA		
American hart's-tongue fern	<i>Asplenium scolopendrium</i> var. <i>americana</i>	T
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys]</i> <i>muhlenbergii</i>	T
Eastern massasauga	<i>Sistrurus catenatus catenatus</i>	C
Eastern prairie fringed orchid (<i>Historic</i>)	<i>Platanthera leucophea</i>	T
Indiana bat (W/S)	<i>Myotis sodalis</i>	E
Small whorled pogonia (<i>Historic</i>)	<i>Isotria medeoloides</i>	T
ONTARIO		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle (Phelps Township)	<i>Clemmys [=Glyptemys]</i> <i>muhlenbergii</i>	T
ORANGE		
Atlantic sturgeon ¹	<i>Acipenser oxyrinchus oxyrinchus</i>	P
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys]</i> <i>muhlenbergii</i>	T
Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	E
Indiana bat (S)	<i>Myotis sodalis</i>	E
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
Small whorled pogonia	<i>Isotria medeoloides</i>	T
ORLEANS		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle (Clarendon Township)	<i>Clemmys muhlenbergii</i>	T
Eastern prairie fringed orchid (<i>Historic</i>)	<i>Platanthera leucophea</i>	T
OSWEGO		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys]</i> <i>muhlenbergii</i>	T
Indiana bat (S)	<i>Myotis sodalis</i>	E
Piping plover {Designated Critical Habitat}	<i>Charadrius melodus</i>	E

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<u>Common Name</u>	<u>Scientific Name</u>	<u>Status</u>
OTSEGO		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle (<i>Historic</i>)	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
PUTNAM		
Atlantic sturgeon ¹	<i>Acipenser oxyrinchus oxyrinchus</i>	C
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
Indiana bat (S)	<i>Myotis sodalis</i>	E
New England cottontail	<i>Sylvilagus transitionalis</i>	C
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
QUEENS		
Piping plover	<i>Charadrius melodus</i>	T
Roseate tern	<i>Sterna dougallii dougallii</i>	E
Seabeach amaranth	<i>Amaranthus pumilus</i>	T
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
RENSSELAER		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Indiana bat (S) ³	<i>Myotis sodalis</i>	E
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
RICHMOND		
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
ROCKLAND		
Atlantic sturgeon ¹	<i>Acipenser oxyrinchus oxyrinchus</i>	P
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
Indiana bat (S)	<i>Myotis sodalis</i>	E
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
Small whorled pogonia	<i>Isotria medeoloides (Historic)</i>	T

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SARATOGA		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Indiana bat (S) ³	<i>Myotis sodalis</i>	E
Karner blue butterfly	<i>Lycaeides melissa samuelis</i>	E
SCHENECTADY		
Indiana bat (S) ³	<i>Myotis sodalis</i>	E
Karner blue butterfly	<i>Lycaeides melissa samuelis</i>	E
SCHOHARIE		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Indiana bat (S) ³	<i>Myotis sodalis</i>	E
SCHUYLER		
Leedy's roseroot	<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i> (= <i>Sedum integrifolium</i> ssp. <i>l.</i>)	T
SENECA		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys</i> [= <i>Glyptemys</i>] <i>muhlenbergii</i>	T
Indiana bat (S)	<i>Myotis sodalis</i>	E
ST. LAWRENCE		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Indiana bat (S)	<i>Myotis sodalis</i>	E
STEUBEN		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Northeastern bulrush	<i>Scirpus ancistrochaetus</i>	E

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SUFFOLK		
Kemp's [=Atlantic] ridley turtle ⁴	<i>Lepidochelys kempi</i>	E
Green turtle ⁴	<i>Chelonia mydas</i>	T
Hawksbill turtle ⁴	<i>Eretmochelys imbricate</i>	E
Leatherback turtle ⁴	<i>Dermochelys coriacea</i>	E
Loggerhead turtle ⁴	<i>Caretta caretta</i>	T
Piping plover ⁵	<i>Charadrius melodus</i>	T
Roseate tern	<i>Sterna dougallii dougallii</i>	E
Sandplain gerardia	<i>Agalinis acuta</i>	E
Seabeach amaranth	<i>Amaranthus pumilus</i>	T
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
Small whorled pogonia (Historic)	<i>Isotria medeoloides</i>	T
SULLIVAN		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	E
Indiana bat (S)	<i>Myotis sodalis</i>	E
Northern wild monkshood	<i>Aconitum noveboracense</i>	T
TIOGA		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
TOMPKINS		
Bog turtle (Historic)	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
ULSTER		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
Indiana bat (W/S)	<i>Myotis sodalis</i>	E
Northern wild monkshood	<i>Aconitum noveboracense</i>	T
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
Small whorled pogonia (Historic)	<i>Isotria medeoloides</i>	T

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WARREN		
Bog turtle (<i>Historic</i>)	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
Indiana bat (W/S)	<i>Myotis sodalis</i>	E
Karner blue butterfly	<i>Lycaeides melissa samuelis</i>	E
WASHINGTON		
Indiana bat (S)	<i>Myotis sodalis</i>	E
Small whorled pogonia (<i>Historic</i>)	<i>Isotria medeoloides</i>	T
WAYNE		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
Eastern prairie fringed orchid (<i>Historic</i>)	<i>Platanthera leucophea</i>	T
Indiana bat (S)	<i>Myotis sodalis</i>	E
WESTCHESTER		
Atlantic sturgeon ¹	<i>Acipenser oxyrinchus oxyrinchus</i>	P
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Bog turtle	<i>Clemmys [=Glyptemys] muhlenbergii</i>	T
Indiana bat (S)	<i>Myotis sodalis</i>	E
New England cottontail	<i>Sylvilagus transitionalis</i>	C
Shortnose sturgeon ¹	<i>Acipenser brevirostrum</i>	E
WYOMING		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
YATES		
Bald eagle	<i>Haliaeetus leucocephalus</i>	D
Leedy's roseroot	<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i> (= <i>Sedum integrifolium</i> ssp. <i>l.</i>)	T

E=endangered T=threatened P=proposed C=candidate D=delisted

W=winter S=summer - Please note that the Indiana bat may occur in additional counties but we have listed the counties with the greatest likelihood of Indiana bat presence.

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COUNTY

Common Name

Scientific Name

Status

¹ Primarily occurs in the Hudson River. Principal responsibility for this species is vested with the National Oceanic and Atmospheric Administration's-Fisheries (NOAA-Fisheries).

² Except for occasional transient individuals, no Federally-listed or proposed endangered or threatened species, or candidate species under our jurisdiction are known to exist in these counties.

³ While Indiana bats were known to winter in Albany County, we now believe they are likely extirpated or in such small numbers that it is unlikely that they would be present and impacted by any specific proposed projects in Albany, Rensselaer, Saratoga, Schenectady, and Schoharie Counties. This determination may change as we receive new information.

⁴ Except for sea turtle nesting habitat, principal responsibility for these species is vested with the NOAA-Fisheries. Please visit the following website for more information <http://www.nmfs.noaa.gov/pr/species/esa.htm>.

⁵ Piping plovers are found in Suffolk and Nassau County; however their early successional habitat is only found at the shoreline, on barrier islands, sandy beaches and dredged material disposal islands. Please see the fact sheet at <http://nyfo.fws.gov/es/PipingPloverFactSheet07.pdf> for more information on suitable habitat.