

## New York State High Priority Species of Greatest Conservation Need

This is a *draft* list of *potential* High Priority Species of Greatest Conservation Need (HPSGCN) for the 2025 revision of New York's State Wildlife Action Plan (SWAP). Some of these species do not yet have a fully updated Species Status Assessment. Many are still under review and may not be included in the final SWAP or they may not retain a high priority designation.

To be included in the final SWAP, all HPSGCN must have a Species Status Assessment that describes the status and distribution of the species, the condition of its habitat, threats impacting the species, and proposed actions to mitigate the threats. Comments and information may be sent to [nyswap2025@dec.ny.gov](mailto:nyswap2025@dec.ny.gov) by January 14, 2025.

HPSGCN may be listed as endangered, threatened, or special concern in New York, be habitat specialists, or have a restricted range in the state. The status of these species is known, they have an established breeding, wintering, or migratory population in New York, and they have experienced a population decline in New York. These species have identified threats that may put them in jeopardy, and they require timely management intervention to reverse or slow population declines and lead to recovery. Without the implementation of conservation actions over the next 10 years, they are likely to reach critically low population levels in New York.

Common Name	Scientific Name	Taxon
American barn owl	<i>Tyto alba</i>	Birds
American three-toed woodpecker	<i>Picoides dorsalis</i>	Birds
Bay-breasted warbler	<i>Setophaga castanea</i>	Birds
Bicknell's thrush	<i>Catharus bicknelli</i>	Birds
Black rail	<i>Laterallus jamaicensis</i>	Birds
Black skimmer	<i>Rynchops niger</i>	Birds
Black tern	<i>Chlidonias niger</i>	Birds
Bobolink	<i>Dolichonyx oryzivorus</i>	Birds
Canada jay	<i>Perisoreus canadensis</i>	Birds
Canada warbler	<i>Cardellina canadensis</i>	Birds
Cape May warbler	<i>Setophaga tigrina</i>	Birds
Common nighthawk	<i>Chordeiles minor</i>	Birds
Eastern meadowlark	<i>Sturnella magna</i>	Birds
Eastern whip-poor-will	<i>Antrostomus vociferus</i>	Birds
Golden-winged warbler	<i>Vermivora chrysoptera</i>	Birds
Grasshopper sparrow	<i>Ammodramus savannarum</i>	Birds
Henslow's sparrow	<i>Centronyx henslowii</i>	Birds
King rail	<i>Rallus elegans</i>	Birds
Olive-sided flycatcher	<i>Contopus borealis</i>	Birds
Piping plover	<i>Charadrius melodus</i>	Birds
Prothonotary warbler	<i>Protonotaria citrea</i>	Birds
Red knot	<i>Calidris canutus</i>	Birds
Red-headed woodpecker	<i>Melanerpes erythrocephalus</i>	Birds
Roseate tern	<i>Sterna dougallii</i>	Birds
Rusty blackbird	<i>Euphagus carolinus</i>	Birds
Saltmarsh sparrow	<i>Ammospiza caudacuta</i>	Birds
Seaside sparrow	<i>Ammospiza maritima</i>	Birds
Sedge wren	<i>Cistothorus stellaris</i>	Birds

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Short-eared owl	<i>Asio flammeus</i>	Birds
Spruce grouse	<i>Falciennis canadensis</i>	Birds
Upland sandpiper	<i>Bartramia longicauda</i>	Birds
Vesper sparrow	<i>Poocetes gramineus</i>	Birds
Western cattle egret	<i>Bubulcus ibis</i>	Birds
Whimbrel	<i>Numenius phaeopus</i>	Birds
Yellow-breasted chat	<i>Icteria virens</i>	Birds
Allegheny woodrat	<i>Neotoma magister</i>	Mammals
Indiana bat	<i>Myotis sodalis</i>	Mammals
Little brown bat	<i>Myotis lucifugus</i>	Mammals
New England cottontail	<i>Sylvilagus transitionalis</i>	Mammals
Northern long-eared bat	<i>Myotis septentrionalis</i>	Mammals
Tricolored bat	<i>Perimyotis subflavus</i>	Mammals
Atlantic Coast leopard frog	<i>Lithobates kauffeldi</i>	Amphibians
Blue-spotted salamander	<i>Ambystoma laterale</i>	Amphibians
Eastern (Northern) cricket frog	<i>Acris crepitans</i>	Amphibians
Eastern hellbender	<i>Cryptobranchus a. alleganiensis</i>	Amphibians
Eastern long-tailed salamander	<i>Eurycea longicauda longicauda</i>	Amphibians
Eastern tiger salamander	<i>Ambystoma tigrinum</i>	Amphibians
Four-toed salamander	<i>Hemidactylium scutatum</i>	Amphibians
Blanding's turtle	<i>Emydoidea blandingii</i>	Reptiles
Bog turtle	<i>Glyptemys muhlenbergii</i>	Reptiles
Eastern hog-nosed snake	<i>Heterodon platirhinos</i>	Reptiles
Eastern massasauga	<i>Sistrurus catenatus catenatus</i>	Reptiles
Eastern musk turtle	<i>Sternotherus odoratus</i>	Reptiles
Eastern spiny softshell	<i>Apalone spinifera spinifera</i>	Reptiles
Queensnake	<i>Regina septemvittata</i>	Reptiles
Southeastern mud turtle	<i>Kinosternon subrubrum subrubrum</i>	Reptiles
Spotted turtle	<i>Clemmys guttata</i>	Reptiles
Timber rattlesnake	<i>Crotalus horridus</i>	Reptiles
Wood turtle	<i>Glyptemys insculpta</i>	Reptiles
Woodland box turtle	<i>Terrapene carolina carolina</i>	Reptiles
Bigeye chub	<i>Hybopsis amblops</i>	Freshwater Fish
Bloater	<i>Coregonus hoyi</i>	Freshwater Fish
Bluebreast darter	<i>Etheostoma camurum</i>	Freshwater Fish
Bridle shiner	<i>Notropis bifrenatus</i>	Freshwater Fish
Comely shiner	<i>Notropis amoenus</i>	Freshwater Fish
Gilt darter	<i>Percina evides</i>	Freshwater Fish
Mooneye	<i>Hiodon tergisus</i>	Freshwater Fish
Northern sunfish	<i>Lepomis peltastes</i>	Freshwater Fish
Paddlefish	<i>Polyodon spathula</i>	Freshwater Fish
Sauger	<i>Sander canadensis</i>	Freshwater Fish
Spotted darter	<i>Etheostoma maculatum</i>	Freshwater Fish

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Swallowtail shiner	<i>Notropis procne</i>	Freshwater Fish
American eel	<i>Anguilla rostrata</i>	Diadromous Fish
American shad	<i>Alosa sapidissima</i>	Marine Fish
Atlantic sturgeon	<i>Acipenser oxyrinchus</i>	Marine Fish
Atlantic tomcod	<i>Microgadus tomcod</i>	Marine Fish
Fourspine stickleback	<i>Apeltes quadricus</i>	Marine Fish
Lined seahorse	<i>Hippocampus erectus</i>	Marine Fish
Northern pipefish	<i>Syngnathus fuscus</i>	Marine Fish
Tautog	<i>Tautoga onitis</i>	Marine Fish
Threespine stickleback	<i>Gasterosteus aculeatus</i>	Marine Fish
Winter flounder	<i>Pseudopleuronectes americanus</i>	Marine Fish
Dusky shark	<i>Carcharhinus obscurus</i>	Sharks Skates and Rays
Porbeagle shark	<i>Lamna nasus</i>	Sharks Skates and Rays
Roughtail stingray	<i>Dasyatis centroura</i>	Sharks Skates and Rays
Sand tiger shark	<i>Carcharias taurus</i>	Sharks Skates and Rays
Shortfin mako	<i>Isurus oxyrinchus</i>	Sharks Skates and Rays
Thorny skate	<i>Amblyraja radiata</i>	Sharks Skates and Rays
Thresher shark	<i>Alopias vulpinus</i>	Sharks Skates and Rays
White shark	<i>Carcharodon carcharias</i>	Sharks Skates and Rays
Blue whale	<i>Balaenoptera musculus</i>	Marine Mammals
Fin whale	<i>Balaenoptera physalus</i>	Marine Mammals
Harbor porpoise	<i>Phocoena phocoena</i>	Marine Mammals
North Atlantic right whale	<i>Eubalaena glacialis</i>	Marine Mammals
Sei whale	<i>Balaenoptera borealis</i>	Marine Mammals
Sperm whale	<i>Physeter megacephalus</i>	Marine Mammals
Green turtle	<i>Chelonia mydas</i>	Sea Turtle
Kemp's ridley sea turtle	<i>Lepidochelys kempii</i>	Sea Turtle
Leatherback sea turtle	<i>Dermochelys coriacea</i>	Sea Turtle
Loggerhead turtle	<i>Caretta caretta</i>	Sea Turtle
American lobster	<i>Homarus americanus</i>	Marine Invertebrate
Bay scallop	<i>Argopecten irradians</i>	Marine Invertebrate
Eastern oyster	<i>Crassostrea virginica</i>	Marine Invertebrate
Hard clam	<i>Mercenaria mercenaria</i>	Marine Invertebrate
Horseshoe crab	<i>Limulus polyphemus</i>	Marine Invertebrate
a mining bee	<i>Andrena duplicata</i>	Bees
Rehn's Miner Bee	<i>Andrena rehni</i>	Bees
Rusty-patched bumble bee	<i>Bombus affinis</i>	Bees
American bumble bee	<i>Bombus pensylvanicus</i>	Bees
Macropis Cuckoo Bee	<i>Epeoloides pilosula</i>	Bees
a leafcutter bee	<i>Megachile georgica</i>	Bees
a callirhoe bee	<i>Melissodes boltoniae</i>	Bees
Deerberry Melitta	<i>Melitta eickworti</i>	Bees
Two-spotted lady beetle	<i>Adalia bipunctata</i>	Beetles

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Appalachian tiger beetle	<i>Cicindela ancocisconensis</i>	Beetles
Cobblestone tiger beetle	<i>Cicindela marginipennis</i>	Beetles
Northern barrens tiger beetle	<i>Cicindela patruela patruela</i>	Beetles
Nine-spotted lady beetle	<i>Coccinella novemnotata</i>	Beetles
Transverse lady beetle	<i>Coccinella transversoguttata</i>	Beetles
Dot-dash Firefly	<i>Photuris pensylvanica</i>	Beetles
Pyralis-mimicking Firefly	<i>Photuris pyralomima</i>	Beetles
Sellick's Firefly	<i>Photuris sellicki</i>	Beetles
Long-range Firefly	<i>Pyractomena dispersa</i>	Beetles
Marsh Imp Firefly	<i>Pyractomena lucifera</i>	Beetles
Marginal Firefly	<i>Pyractomena marginalis</i>	Beetles
Well-marked cutworm	<i>Abagrotis orbis</i>	Butterflies and Moths
A noctuid moth	<i>Agrotis obliqua</i>	Butterflies and Moths
An ear moth	<i>Amphipoea erepta ryensis</i>	Butterflies and Moths
A noctuid moth	<i>Apamea inordinata</i>	Butterflies and Moths
Northern metalmark	<i>Calephelis borealis</i>	Butterflies and Moths
Henry's elfin	<i>Callophrys henrici</i>	Butterflies and Moths
Hessel's hairstreak	<i>Callophrys hesseli</i>	Butterflies and Moths
Frosted elfin	<i>Callophrys irus</i>	Butterflies and Moths
Melsheimer's sack bearer	<i>Cicinnus melsheimeri</i>	Butterflies and Moths
Regal moth	<i>Citheronia regalis</i>	Butterflies and Moths
Monarch butterfly	<i>Danaus plexippus</i>	Butterflies and Moths
A geometrid moth	<i>Digrammia denticulata</i>	Butterflies and Moths
Mottled duskywing	<i>Erynnis martialis</i>	Butterflies and Moths
Persius duskywing	<i>Erynnis persius persius</i>	Butterflies and Moths
Olympia marble	<i>Euchloe olympia</i>	Butterflies and Moths
Bogbean buckmoth	<i>Hemileuca ssp. 1</i>	Butterflies and Moths
Pine pinion moth	<i>Lithophane lepida lepida</i>	Butterflies and Moths
Pale green pinion moth	<i>Lithophane viridipallens</i>	Butterflies and Moths
Pin-striped slug moth	<i>Monoleuca semifascia</i>	Butterflies and Moths
Boreal Pine Looper	<i>Nepytia pellucidaria</i>	Butterflies and Moths
Karner blue butterfly	<i>Plebejus melissa samuelis</i>	Butterflies and Moths
Scribble sallow	<i>Sympistis perscripta</i>	Butterflies and Moths
Subarctic darner	<i>Aeshna subarctica</i>	Dragonflies and Damselflies
Horned clubtail	<i>Arigomphus cornutus</i>	Dragonflies and Damselflies
Subarctic bluet	<i>Coenagrion interrogatum</i>	Dragonflies and Damselflies
River Bluet	<i>Enallagma anna</i>	Dragonflies and Damselflies
Attenuated Bluet	<i>Enallagma daeckii</i>	Dragonflies and Damselflies
Little bluet	<i>Enallagma minusculum</i>	Dragonflies and Damselflies
Scarlet bluet	<i>Enallagma pictum</i>	Dragonflies and Damselflies
Pine barrens bluet	<i>Enallagma recurvatum</i>	Dragonflies and Damselflies
Septima's clubtail	<i>Gomphurus septima</i>	Dragonflies and Damselflies
Cobra clubtail	<i>Gomphurus vastus</i>	Dragonflies and Damselflies

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Skillet clubtail	<i>Gomphurus ventricosus</i>	Dragonflies and Damselflies
Green-faced clubtail	<i>Hylogomphus viridifrons</i>	Dragonflies and Damselflies
Bar-winged Skimmer	<i>Libellula axilena</i>	Dragonflies and Damselflies
Yellow-sided skimmer	<i>Libellula flavida</i>	Dragonflies and Damselflies
Broad-tailed shadowdragon	<i>Neurocordulia michaeli</i>	Dragonflies and Damselflies
Boreal snaketail	<i>Ophiogomphus colubrinus</i>	Dragonflies and Damselflies
Pygmy snaketail	<i>Ophiogomphus howei</i>	Dragonflies and Damselflies
Lake emerald	<i>Somatochlora cingulata</i>	Dragonflies and Damselflies
Delicate emerald	<i>Somatochlora franklini</i>	Dragonflies and Damselflies
Incurvate emerald	<i>Somatochlora incurvata</i>	Dragonflies and Damselflies
Kennedy's Emerald	<i>Somatochlora kennedyi</i>	Dragonflies and Damselflies
Sable clubtail	<i>Stenogomphurus rogersi</i>	Dragonflies and Damselflies
Russet-tipped clubtail	<i>Stylurus plagiatus</i>	Dragonflies and Damselflies
Black meadowhawk	<i>Sympetrum danae</i>	Dragonflies and Damselflies
Gray petaltail	<i>Tachopteryx thoreyi</i>	Dragonflies and Damselflies
Orange-faced Wood Fly	<i>Blera armillata</i>	Flies
Painted Wood Fly	<i>Blera pictipes</i>	Flies
Black-headed Bee Fly	<i>Bombylius atriceps</i>	Flies
a bee fly	<i>Bombylius fulvibasoides</i>	Flies
Orange-horned Leafwalker	<i>Chalcosyrphus metallifer</i>	Flies
Canadian Potterfly	<i>Doros aequalis</i>	Flies
Black-bristled Logsitter	<i>Hammerschmidtia rufa</i>	Flies
Orange-legged Ant Fly	<i>Microdon cothurnatus</i>	Flies
Scaled Pegleg	<i>Myolepta strigilata</i>	Flies
Fringeless Leafwalker	<i>Xylota flukei</i>	Flies
Tomah mayfly	<i>Siphonisca aerodromia</i>	Mayflies
Alewife floater	<i>Utterbackiana implicata</i>	Mollusks
Black sandshell	<i>Ligumia recta</i>	Mollusks
Brook floater	<i>Alasmidonta varicosa</i>	Mollusks
Chittenango ovate amber snail	<i>Novisuccinea chittenangoensis</i>	Mollusks
Clubshell	<i>Pleurobema clava</i>	Mollusks
Deertoe	<i>Truncilla truncata</i>	Mollusks
Dwarf wedgemussel	<i>Alasmidonta heterodon</i>	Mollusks
Green floater	<i>Lasmigona subviridis</i>	Mollusks
Northern riffleshell	<i>Epioblasma torulosa rangiana</i>	Mollusks
Rainbow	<i>Cambarunio iris</i>	Mollusks
Rayed bean	<i>Villosa fabalis</i>	Mollusks
Salamander mussel	<i>Simpsonaias ambigua</i>	Mollusks
Slippershell mussel	<i>Alasmidonta viridis</i>	Mollusks
Tidewater mucket	<i>Atlanticoncha ochracea</i>	Mollusks
Wabash pigtoe	<i>Fusconaia flava</i>	Mollusks
Wavy-rayed lampmussel	<i>Lampsilis fasciola</i>	Mollusks