

MICHIGAN'S SPECIAL ANIMALS

Endangered, Threatened, Special Concern, and Probably Extirpated

This list presents the Endangered (E), Threatened (T), and Probably Extirpated (X) animal species of Michigan, which are protected under the Endangered Species Act of the State of Michigan (Part 365 of PA 451, 1994 Michigan Natural Resources and Environmental Protection Act). The current list became effective on April 9, 2009, after extensive review by technical advisors to the Michigan Department of Natural Resources and the citizenry of the state.

Also included in this list are animal species of Special Concern (SC). While not afforded legal protection under the Act, many of these species are of concern because of declining or relict populations in the state. Should these species continue to decline, they would be recommended for Threatened or Endangered status. Protection of Special Concern species now, before they reach dangerously low population levels, would prevent the need to list them in the future by maintaining adequate numbers of self-sustaining populations within Michigan. Some other potentially rare species are listed as Special Concern pending more precise information on their status in the state; when such information becomes available, they could be moved to threatened or endangered status or deleted from the list.



Michigan Natural Features Inventory

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This list was produced by the Endangered Species Program of the Michigan Department of Natural Resources and the Michigan Natural Features Inventory. English names in common usage or from published sources have been incorporated, when possible, to promote public understanding of and participation in the Endangered Species Program. To comment on the list or request additional copies, or for information on the Endangered Species Program, contact the Endangered Species Coordinator, Wildlife Division, Michigan Department of Natural Resources, P.O. Box 30028, Lansing, MI 48909 (517-373-1263). To report occurrences of these species, contact the Michigan Natural Features Inventory, Mason Building, P.O. Box 30444, Lansing, MI 48909-7944 (517-373-1552).

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LEGEND

State Status

- E** Endangered
- T** Threatened
- SC** Special concern

Federal Status

- LE** Listed endangered
- LT** Listed threatened
- LELT** Partly listed endangered and partly listed threatened
- PDL** Proposed delist
- E(S/A)** Endangered based on similarities/appearance
- PS** Partial status (federally listed in only part of its range)
- C** Species being considered for federal status

Global Ranks

- G1** Critically imperiled globally because of extreme rarity (5 or fewer occurrences range-wide or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.
- G2** Imperiled globally because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extinction throughout its range.
- G3** Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range (e.g. a single western state, a physiographic region in the East) or because of other factor(s) making it vulnerable to extinction throughout its range; in terms of occurrences, in the range of 21 to 100.
- G4** Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- G5** Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- GH** Of historical occurrence throughout its range, i.e. formerly part of the established biota, with the expectation that it may be rediscovered (e.g. Bachman's Warbler).
- GU** Possibly in peril range-wide, but status uncertain; need more information.
- GX** Believed to be extinct throughout its range (e.g. Passenger Pigeon) with virtually no likelihood that it will be rediscovered.

State Ranks

- S1** Critically imperiled in the state because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extirpation in the state.
- S2** Imperiled in state because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extirpation from the state.
- S3** Rare or uncommon in state (on the order of 21 to 100 occurrences).
- S4** Apparently secure in state, with many occurrences.
- S5** Demonstrably secure in state and essentially ineradicable under present conditions.
- SA** Accidental in state, including species (usually birds or butterflies) recorded once or twice or only at very great intervals, hundreds or even thousands of miles outside their usual range.
- SE** An exotic established in the state; may be native elsewhere in North America (e.g. house finch or catalpa in eastern states).
- SH** Of historical occurrence in state and suspected to be still extant.
- SN** Regularly occurring, usually migratory and typically nonbreeding species.
- SR** Reported from state, but without persuasive documentation which would provide a basis for either accepting or rejecting the report.
- SRF** Reported falsely (in error) from state but this error persisting in the literature.
- SU** Possibly in peril in state, but status uncertain; need more information.
- SX** Apparently extirpated from state.

Amphibians

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|----------------|--------------|-----------|------------|-------------|
| <i>Acris crepitans blanchardi</i> Blanchard's cricket frog | Hylidae | T | | S2S3 | G5T5 |
| <i>Ambystoma opacum</i> Marbled salamander | Ambystomatidae | E | | S1 | G5 |
| <i>Ambystoma texanum</i> Smallmouth salamander | Ambystomatidae | E | | S1 | G5 |
| <i>Pseudacris triseriata maculata</i> Boreal chorus frog | Hylidae | SC | | S1 | G5 |
| <i>Rana pipiens</i> Northern leopard frog | Ranidae | SC | | S5 | G5 |
| <i>Siren intermedia nettingi</i> Western lesser siren | Sirenidae | SC | | SH | G5T5 |

Reptiles

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|------------|--------------|-----------|------------|-------------|
| <i>Aspidoscelis sexlineata</i> Six-lined racerunner | Teiidae | T | | SU | G5 |
| <i>Clemmys guttata</i> Spotted turtle | Emydidae | T | | S2 | G5 |
| <i>Clonophis kirtlandii</i> Kirtland's snake | Colubridae | E | | S1 | G2 |
| <i>Emys blandingii</i> Blanding's turtle | Emydidae | SC | | S3 | G4 |
| <i>Glyptemys insculpta</i> Wood turtle | Emydidae | SC | | S2S3 | G4 |
| <i>Nerodia erythrogaster neglecta</i> Copperbelly water snake | Colubridae | E | LT | S1 | G5T3 |
| <i>Pantherophis gloydi</i> Eastern fox snake | Colubridae | T | | S2 | G3 |
| <i>Pantherophis spiloides</i> Gray ratsnake | Colubridae | SC | | S3 | G5T5 |
| <i>Regina septemvittata</i> Queen snake | Colubridae | SC | | S4 | G5 |
| <i>Sistrurus catenatus catenatus</i> Eastern massasauga | Viperidae | SC | C | S3S4 | G3G4T3T4Q |
| <i>Terrapene carolina carolina</i> Eastern box turtle | Emydidae | SC | | S2S3 | G5T5 |

Birds

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|---------------|--------------|-----------|------------|-------------|
| <i>Accipiter gentilis</i> Northern goshawk | Accipitridae | SC | | S3 | G5 |
| <i>Ammodramus henslowii</i> Henslow's sparrow | Emberizidae | E | | S2S3 | G4 |
| <i>Ammodramus savannarum</i> Grasshopper sparrow | Emberizidae | SC | | S3S4 | G5 |
| <i>Asio flammeus</i> Short-eared owl | Strigidae | E | | S1 | G5 |
| <i>Asio otus</i> Long-eared owl | Strigidae | T | | S2 | G5 |
| <i>Botaurus lentiginosus</i> American bittern | Ardeidae | SC | | S3S4 | G4 |
| <i>Buteo lineatus</i> Red-shouldered hawk | Accipitridae | T | | S3S4 | G5 |
| <i>Charadrius melodus</i> Piping plover | Charadriidae | E | LE | S1 | G3 |
| <i>Chlidonias niger</i> Black tern | Laridae | SC | | S3 | G4 |
| <i>Chondestes grammacus</i> Lark sparrow | Emberizidae | X | | SX | G5 |
| <i>Circus cyaneus</i> Northern harrier | Accipitridae | SC | | S3 | G5 |
| <i>Cistothorus palustris</i> Marsh wren | Troglodytidae | SC | | S3S4 | G5 |
| <i>Coturnicops noveboracensis</i> Yellow rail | Rallidae | T | | S1S2 | G4 |
| <i>Cygnus buccinator</i> Trumpeter swan | Anatidae | T | | S3 | G4 |
| <i>Dendroica cerulea</i> Cerulean warbler | Parulidae | T | | S3 | G4 |
| <i>Dendroica discolor</i> Prairie warbler | Parulidae | E | | S1 | G5 |
| <i>Dendroica dominica</i> Yellow-throated warbler | Parulidae | T | | S1 | G5 |
| <i>Dendroica kirtlandii</i> Kirtland's warbler | Parulidae | E | LE | S1 | G1 |
| <i>Falci pennis canadensis</i> Spruce grouse | Phasianidae | SC | | S2S3 | G5 |

Birds

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|--------------|--------------|-----------|------------|-------------|
| <i>Falco columbarius</i> Merlin | Falconidae | T | | S1S2 | G5 |
| <i>Falco peregrinus</i> Peregrine falcon | Falconidae | E | | S1 | G4 |
| <i>Gallinula chloropus</i> Common moorhen | Rallidae | T | | S3 | G5 |
| <i>Gavia immer</i> Common loon | Gaviidae | T | | S3S4 | G5 |
| <i>Haliaeetus leucocephalus</i> Bald eagle | Accipitridae | SC | | S4 | G5 |
| <i>Ixobrychus exilis</i> Least bittern | Ardeidae | T | | S2 | G5 |
| <i>Lanius ludovicianus migrans</i> Migrant loggerhead shrike | Laniidae | E | | S1 | G4T3Q |
| <i>Nycticorax nycticorax</i> Black-crowned night-heron | Ardeidae | SC | | S2S3 | G5 |
| <i>Pandion haliaetus</i> Osprey | Accipitridae | SC | | S4 | G5 |
| <i>Phalaropus tricolor</i> Wilson's phalarope | Scolopacidae | SC | | S2 | G5 |
| <i>Picoides arcticus</i> Black-backed woodpecker | Picidae | SC | | S2 | G5 |
| <i>Protonotaria citrea</i> Prothonotary warbler | Parulidae | SC | | S3 | G5 |
| <i>Rallus elegans</i> King rail | Rallidae | E | | S1 | G4 |
| <i>Seiurus motacilla</i> Louisiana waterthrush | Parulidae | T | | S2S3 | G5 |
| <i>Spiza americana</i> Dickcissel | Cardinalidae | SC | | S3 | G5 |
| <i>Sterna caspia</i> Caspian tern | Laridae | T | | S2 | G5 |
| <i>Sterna forsteri</i> Forster's tern | Laridae | T | | S2 | G5 |
| <i>Sterna hirundo</i> Common tern | Laridae | T | | S2 | G5 |
| <i>Sturnella neglecta</i> Western meadowlark | Icteridae | SC | | S4 | G5 |
| <i>Tympanuchus phasianellus</i> Sharp-tailed grouse | Phasianidae | SC | | S3S4 | G4 |

Birds

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|---------------|---------------------|------------------|-------------------|--------------------|
| <i>Tyto alba</i> Barn owl | Tytonidae | E | | S1 | G5 |
| <i>Wilsonia citrina</i> Hooded warbler | Parulidae | SC | | S3 | G5 |
| <i>Xanthocephalus xanthocephalus</i> Yellow-headed blackbird | Icteridae | SC | | S2 | G5 |

Mammals

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|------------------|--------------|-----------|------------|-------------|
| <i>Alces americanus</i> Moose | Cervidae | SC | | S4 | G5 |
| <i>Canis lupus</i> Gray Wolf | Canidae | T | LE | S3 | G4 |
| <i>Cryptotis parva</i> Least shrew | Soricidae | T | | S1S2 | G5 |
| <i>Felis concolor</i> Cougar | Felidae | E | PS | SH | G5 |
| <i>Glaucomys sabrinus</i> Northern flying squirrel | Sciuridae | SC | | S5 | G5 |
| <i>Lynx canadensis</i> Lynx | Felidae | E | LT | S1 | G5 |
| <i>Microtus ochrogaster</i> Prairie vole | Muridae | E | | S1 | G5 |
| <i>Microtus pinetorum</i> Woodland vole | Muridae | SC | | S3S4 | G5 |
| <i>Myotis sodalis</i> Indiana bat | Vespertilionidae | E | LE | S1 | G2 |
| <i>Nycticeius humeralis</i> Evening bat | Vespertilionidae | T | | SNA | G5 |
| <i>Pipistrellus subflavus</i> Eastern pipistrelle | Vespertilionidae | SC | | S2 | G5 |
| <i>Sorex fumeus</i> Smoky shrew | Soricidae | T | | S1 | G5 |

Insects: Bees

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|--------|--------------|-----------|------------|-------------|
| <i>Bombus affinis</i> Rusty-patched bumble bee | Apidae | SC | | SNR | GU |
| <i>Bombus terricola</i> Yellow banded bumble bee | Apidae | SC | | SNR | GU |

Insects: Beetles

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|---------------|--------------|-----------|------------|-------------|
| <i>Brychius hungerfordi</i> Hungerford's crawling water beetle | Haliplidae | E | LE | S1 | G1 |
| <i>Dryobius sexnotatus</i> Six-banded longhorn beetle | Cerambycidae | T | | SH | GNR |
| <i>Liodessus cantralli</i> Cantrall's bog beetle | Dytiscidae | SC | | S1S3 | GNR |
| <i>Lordithon niger</i> Black lordithon rove beetle | Staphylinidae | SC | | SH | GU |
| <i>Nicrophorus americanus</i> American burying beetle | Silphidae | X | LE | SH | G2G3 |
| <i>Stenelmis douglasensis</i> Douglas stenelmis riffle beetle | Elmidae | SC | | S1S2 | G1G3 |

Insects: Butterflies and Moths

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|--------------|--------------|-----------|------------|-------------|
| <i>Acronicta falcata</i> Corylus dagger moth | Noctuidae | SC | | S2S3 | G2G4 |
| <i>Atrytonopsis hianna</i> Dusted skipper | Hesperiidae | SC | | S2S3 | G4G5 |
| <i>Basilodes pepita</i> Gold moth | Noctuidae | SC | | S1S2 | G4 |
| <i>Battus philenor</i> Pipevine swallowtail | Papilionidae | SC | | S1S2 | G5 |
| <i>Boloria freija</i> Freija fritillary | Nymphalidae | SC | | S3S4 | G5 |
| <i>Boloria frigga</i> Frigga fritillary | Nymphalidae | SC | | S3S4 | G5 |
| <i>Brachionycha borealis</i> Boreal brachionyncha | Noctuidae | SC | | S1S2 | G4 |
| <i>Calephelis mutica</i> Swamp metalmark | Riodinidae | SC | | S1S2 | G3 |
| <i>Catocala amestris</i> Three-staff underwing | Noctuidae | E | | S1 | G4 |
| <i>Catocala dulciola</i> Quiet underwing | Noctuidae | SC | | S1S2 | G3 |
| <i>Catocala illecta</i> Magdalen underwing | Noctuidae | SC | | S2S3 | G5 |
| <i>Catocala robinsoni</i> Robinson's underwing | Noctuidae | SC | | S2S3 | G4 |
| <i>Chlosyne gorgone carlota</i> Gorgone checkerspot | Nymphalidae | SC | | S2S3 | G5T5 |
| <i>Eacles imperialis pini</i> Pine imperial moth | Saturniidae | SC | | S2S3 | G5T3T4 |
| <i>Erebia discoidalis</i> Red-disked alpine | Nymphalidae | SC | | S2S3 | G5 |
| <i>Erora laeta</i> Early hairstreak | Lycaenidae | SC | | S2S3 | GU |
| <i>Erynnis baptisiae</i> Wild indigo duskywing | Hesperiidae | SC | | S2S3 | G5 |
| <i>Erynnis persius persius</i> Persius dusky wing | Hesperiidae | T | | S3 | G5T1T3 |
| <i>Euchloe ausonides</i> Large marble | Pieridae | SC | | S1S2 | G5 |

Insects: Butterflies and Moths

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|---------------|--------------|-----------|------------|-------------|
| <i>Euphyes dukesi</i> Dukes' skipper | Hesperiidae | T | | S1 | G3 |
| <i>Euxoa aurulenta</i> Dune cutworm | Noctuidae | SC | | S1S2 | G5 |
| <i>Fixsenia favonius ontario</i> Northern hairstreak | Lycaenidae | SC | | S1 | G4T4 |
| <i>Hemileuca maia</i> Barrens buckmoth | Saturniidae | SC | | S2S3 | G5 |
| <i>Hesperia ottoe</i> Ottoe skipper | Hesperiidae | T | | S1S2 | G3G4 |
| <i>Heterocampa subrotata</i> Small heterocampa | Notodontidae | SC | | S1S2 | G4G5 |
| <i>Heteropacha rileyana</i> Riley's lappet moth | Lasiocampidae | SC | | S1S2 | G4 |
| <i>Incisalia henrici</i> Henry's elfin | Lycaenidae | T | | S2S3 | G5 |
| <i>Incisalia irus</i> Frosted elfin | Lycaenidae | T | | S2S3 | G3 |
| <i>Lycaeides idas nabokovi</i> Northern blue | Lycaenidae | T | | S2 | G5TU |
| <i>Lycaeides melissa samuelis</i> Karner blue | Lycaenidae | T | LE | S2 | G5T2 |
| <i>Merolonche doli</i> Doll's merolonche | Noctuidae | SC | | S1S2 | G3G4 |
| <i>Meropleon ambifusca</i> Newman's brocade | Noctuidae | SC | | S1S2 | G3G4 |
| <i>Neonympha mitchellii mitchellii</i> Mitchell's satyr | Nymphalidae | E | LE | S1 | G1G2T1T2 |
| <i>Oarisma poweshiek</i> Poweshiek skipperling | Hesperiidae | T | | S1S2 | G2G3 |
| <i>Oeneis macounii</i> Macoun's arctic | Nymphalidae | SC | | S2S3 | G5 |
| <i>Oncocnemis piffardi</i> 3-striped oncocnemis | Noctuidae | SC | | S1S2 | G4 |
| <i>Pachypolia atricornis</i> Three-horned moth | Noctuidae | SC | | S1S2 | G3G4 |
| <i>Papaipema aweme</i> Aweme borer | Noctuidae | SC | | SH | G1 |
| <i>Papaipema beeriana</i> Blazing star borer | Noctuidae | SC | | S1S2 | G2G3 |

Insects: Butterflies and Moths

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|-------------|--------------|-----------|------------|-------------|
| <i>Papaipema cerina</i> Golden borer | Noctuidae | SC | | S1S2 | G2G4 |
| <i>Papaipema maritima</i> Maritime sunflower borer | Noctuidae | SC | | S1S2 | G3 |
| <i>Papaipema sciata</i> Culvers root borer | Noctuidae | SC | | S2S3 | G3G4 |
| <i>Papaipema silphii</i> Silphium borer moth | Noctuidae | T | | S1S2 | G3G4 |
| <i>Papaipema speciosissima</i> Regal fern borer | Noctuidae | SC | | S2S3 | G4 |
| <i>Phyciodes batesii</i> Tawny crescent | Nymphalidae | SC | | S4 | G4 |
| <i>Polygonia gracilis</i> Hoary comma | Nymphalidae | SC | | S3 | G5 |
| <i>Proserpinus flavofasciata</i> Yellow-banded day-sphinx | Sphingidae | SC | | S2S3 | G4 |
| <i>Pygarctia spraguei</i> Sprague's pygarctia | Arctiidae | SC | | S2S3 | G5 |
| <i>Pyrgus wyandot</i> Grizzled skipper | Hesperiidae | SC | | S1S2 | G1G2Q |
| <i>Schinia indiana</i> Phlox moth | Noctuidae | E | | S1S2 | G2G4 |
| <i>Schinia lucens</i> Leadplant moth | Noctuidae | E | | S1 | G4 |
| <i>Spartiniphaga inops</i> Spartina moth | Noctuidae | SC | | S1S2 | G3G4 |
| <i>Speyeria idalia</i> Regal fritillary | Nymphalidae | E | | SH | G3 |

Insects: Caddisflies

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|---------------|--------------|-----------|------------|-------------|
| <i>Limnephilus pallens</i> A caddisfly | Limnephilidae | SC | | SNR | G3G4 |

Insects: Cicadas and Hoppers

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|--------------|--------------|-----------|------------|-------------|
| <i>Dorydiella kansana</i> Leafhopper | Cicadellidae | SC | | S1S2 | GNR |
| <i>Flexamia delongi</i> Leafhopper | Cicadellidae | SC | | S1S2 | GNR |
| <i>Flexamia huroni</i> Huron River leafhopper | Cicadellidae | T | | S1 | GNR |
| <i>Flexamia reflexus</i> Leafhopper | Cicadellidae | SC | | S1 | GNR |
| <i>Lepyronia angulifera</i> Angular spittlebug | Cercopidae | SC | | S1S2 | G3 |
| <i>Lepyronia gibbosa</i> Great Plains spittlebug | Cercopidae | SC | | S1S2 | G3G4 |
| <i>Philaenarcys bilineata</i> Prairie spittle bug | Cercopidae | SC | | SNR | GNR |
| <i>Prosapia ignipectus</i> Red-legged spittlebug | Cercopidae | SC | | S2S3 | G4 |

Insects: Damselflies and Dragonflies

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|------------------|--------------|-----------|------------|-------------|
| <i>Cordulegaster erronea</i> Tiger spiketail | Cordulegastridae | SC | | S1S2 | G4 |
| <i>Gomphus lineatifrons</i> Splendid clubtail | Gomphidae | SC | | S2S3 | G4 |
| <i>Gomphus quadricolor</i> Rapids clubtail | Gomphidae | SC | | S2S3 | G3G4 |
| <i>Hetaerina titia</i> Smokey rubyspot | Calopterygidae | SC | | SNR | G5 |
| <i>Ophiogomphus anomalus</i> Extra-striped snaketail | Gomphidae | SC | | S1 | G4 |
| <i>Ophiogomphus howei</i> Pygmy snaketail | Gomphidae | T | | S1 | G3 |
| <i>Somatochlora hineana</i> Hine's emerald dragonfly | Corduliidae | E | LE | S1 | G2G3 |
| <i>Somatochlora incurvata</i> Incurvate emerald | Corduliidae | SC | | S1S2 | G4 |
| <i>Stylurus amnicola</i> Riverine snaketail | Gomphidae | SC | | S1S2 | G4 |
| <i>Stylurus laurae</i> Laura's snaketail | Gomphidae | SC | | S1S2 | G4 |
| <i>Stylurus notatus</i> Elusive snaketail | Gomphidae | SC | | S1S2 | G3 |
| <i>Stylurus plagiatus</i> Russet-tipped clubtail | Gomphidae | SC | | S1S2 | G5 |
| <i>Tachopteryx thoreyi</i> Grey petaltail | Petaluridae | T | | S1S3 | G4 |
| <i>Williamsonia fletcheri</i> Ebony boghaunter | Corduliidae | SC | | S1S2 | G4 |
| <i>Williamsonia lintneri</i> Ringed boghaunter | Corduliidae | SC | | SNR | G3 |

Insects: Dobsonflies and Fishflies

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|---------------|---------------------|------------------|-------------------|--------------------|
| <i>Neohermes concolor</i> A fishfly | Corydalidae | SC | | SNR | GNR |

Insects: Grasshoppers and Crickets

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|---------------|--------------|-----------|------------|-------------|
| <i>Appalachia arcana</i> Secretive locust | Acrididae | SC | | S2S3 | G2G3 |
| <i>Atlanticus davisii</i> Davis's shield-bearer | Tettigoniidae | SC | | S2S3 | GNR |
| <i>Melanoplus flavidus</i> Blue-legged locust | Acrididae | SC | | S1S3 | G4 |
| <i>Neoconocephalus lyristes</i> Bog conehead | Tettigoniidae | SC | | S1S3 | GNR |
| <i>Neoconocephalus retusus</i> Conehead grasshopper | Tettigoniidae | SC | | S1 | GNR |
| <i>Oecanthus laricis</i> Tamarack tree cricket | Gryllidae | SC | | S1S2 | G1G2 |
| <i>Oecanthus pini</i> Pinetree cricket | Gryllidae | SC | | S1S2 | GNR |
| <i>Orchelimum concinnum</i> Red-faced meadow katydid | Tettigoniidae | SC | | S2S3 | GNR |
| <i>Orchelimum delicatum</i> Delicate meadow katydid | Tettigoniidae | SC | | S1S3 | GNR |
| <i>Orphulella pelidna</i> Green desert grasshopper | Acrididae | SC | | S1S3 | G5 |
| <i>Paroxya hoosieri</i> Hoosier locust | Acrididae | SC | | S2S3 | G5 |
| <i>Psinidia fenestralis</i> Atlantic-coast locust | Acrididae | SC | | S1S3 | G5 |
| <i>Scudderia fasciata</i> Pine katydid | Tettigoniidae | SC | | S1S3 | GNR |
| <i>Trimerotropis huroniana</i> Lake Huron locust | Acrididae | T | | S2S3 | G2G3 |

Insects: Mayflies

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|-----------------|--------------|-----------|------------|-------------|
| <i>Anthopotamus verticis</i> Walker's tusked sprawler | Potamanthidae | SC | | SNR | G5 |
| <i>Epeorus suffusus</i> A mayfly | Heptageniidae | SC | | SNR | G1Q |
| <i>Habrophlebiodes americana</i> A mayfly | Leptophlebiidae | SC | | SNR | G5 |

Fish

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|---------------|--------------|-----------|------------|-------------|
| <i>Acipenser fulvescens</i> Lake sturgeon | Acipenseridae | T | | S2 | G3G4 |
| <i>Ammocrypta pellucida</i> Eastern sand darter | Percidae | T | | S1S2 | G3 |
| <i>Clinostomus elongatus</i> Redside dace | Cyprinidae | E | | S1S2 | G3G4 |
| <i>Coregonus artedi</i> Lake herring or Cisco | Salmonidae | T | | S3 | G5 |
| <i>Coregonus bartlettii</i> Siskiwit lake cisco | Salmonidae | T | | SH | G3THQ |
| <i>Coregonus hubbsi</i> Ives lake cisco | Salmonidae | T | | S1 | G1Q |
| <i>Coregonus johanna</i> Deepwater cisco | Salmonidae | X | | SX | GX |
| <i>Coregonus kiyi</i> Kiyi | Salmonidae | SC | | S3 | G3 |
| <i>Coregonus nigripinnis</i> Blackfin cisco | Salmonidae | X | | SX | G1Q |
| <i>Coregonus reighardi</i> Shortnose cisco | Salmonidae | X | | SH | GH |
| <i>Coregonus zenithicus</i> Shortjaw cisco | Salmonidae | T | | S2 | G3 |
| <i>Cottus ricei</i> Spoonhead sculpin | Cottidae | SC | | S3 | G5 |
| <i>Erimyzon claviformis</i> Creek chubsucker | Catostomidae | E | | S1S2 | GNR |
| <i>Etheostoma spectabile</i> Orangethroat darter | Percidae | SC | | S3 | G5 |
| <i>Fundulus dispar</i> Starhead topminnow | Fundulidae | SC | | S2 | G4 |
| <i>Hiodon tergisus</i> Mooneye | Hiodontidae | T | | S2 | G5 |
| <i>Lepisosteus oculatus</i> Spotted gar | Lepisosteidae | SC | | S2S3 | G5 |
| <i>Macrhybopsis storeriana</i> Silver chub | Cyprinidae | SC | | S2S3 | G5 |
| <i>Moxostoma carinatum</i> River redhorse | Catostomidae | T | | S1 | G4 |

Fish

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|---------------|--------------|-----------|------------|-------------|
| <i>Notropis amblops</i> Bigeye chub | Cyprinidae | X | | SH | G5 |
| <i>Notropis anogenus</i> Pugnose shiner | Cyprinidae | E | | S3 | G3 |
| <i>Notropis chalybaeus</i> Ironcolor shiner | Cyprinidae | X | | S1 | G4 |
| <i>Notropis dorsalis</i> Bigmouth shiner | Cyprinidae | SC | | S4 | G5 |
| <i>Notropis photogenis</i> Silver shiner | Cyprinidae | E | | S1 | G5 |
| <i>Notropis texanus</i> Weed shiner | Cyprinidae | X | | S1 | G5 |
| <i>Noturus miurus</i> Brindled madtom | Ictaluridae | SC | | S2S3 | G5 |
| <i>Noturus stigmosus</i> Northern madtom | Ictaluridae | E | | S1 | G3 |
| <i>Opsopoeodus emiliae</i> Pugnose minnow | Cyprinidae | E | | S1 | G5 |
| <i>Percina copelandi</i> Channel darter | Percidae | E | | S1S2 | G4 |
| <i>Percina shumardi</i> River darter | Percidae | E | | S1 | G5 |
| <i>Phoxinus erythrogaster</i> Southern redbelly dace | Cyprinidae | E | | S1 | G5 |
| <i>Polyodon spathula</i> Paddlefish | Polyodontidae | X | | SX | G4 |
| <i>Sander canadensis</i> Sauger | Percidae | T | | S1 | G5 |
| <i>Sander glaucus</i> Blue pike | Percidae | X | | SX | G5TX |
| <i>Thymallus arcticus</i> Arctic grayling | Salmonidae | X | | SX | G5 |

Mussels

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|-----------|--------------|-----------|------------|-------------|
| <i>Alasmidonta marginata</i> Elktoe | Unionidae | SC | | S2S3 | G4 |
| <i>Alasmidonta viridis</i> Slippershell | Unionidae | T | | S2S3 | G4G5 |
| <i>Cyclonaias tuberculata</i> Purple wartyback | Unionidae | T | | S2S3 | G5 |
| <i>Epioblasma obliquata perobliqua</i> White catspaw | Unionidae | E | LE | SH | G1T1 |
| <i>Epioblasma torulosa rangiana</i> Northern riffleshell | Unionidae | E | LE | S1 | G2T2 |
| <i>Epioblasma triquetra</i> Snuffbox | Unionidae | E | | S1 | G3 |
| <i>Lampsilis fasciola</i> Wavyrayed lampmussel | Unionidae | T | | S2 | G5 |
| <i>Leptodea leptodon</i> Scaleshell | Unionidae | SC | LE | SU | G1G2 |
| <i>Ligumia nasuta</i> Eastern pondmussel | Unionidae | E | | SNR | G4 |
| <i>Ligumia recta</i> Black sandshell | Unionidae | E | | SNR | G5 |
| <i>Obliquaria reflexa</i> Threehorn wartyback | Unionidae | E | | SNR | G5 |
| <i>Obovaria olivaria</i> Hickorynut | Unionidae | E | | S2S3 | G4 |
| <i>Obovaria subrotunda</i> Round hickorynut | Unionidae | E | | S1 | G4 |
| <i>Pleurobema clava</i> Clubshell | Unionidae | E | LE | S1 | G2 |
| <i>Pleurobema sintoxia</i> Round pigtoe | Unionidae | SC | | S2S3 | G4G5 |
| <i>Potamilus ohioensis</i> Pink papershell | Unionidae | T | | SNR | G5 |
| <i>Ptychobranthus fasciolaris</i> Kidney shell | Unionidae | SC | | SNR | G4G5 |
| <i>Pyganodon subgibbosa</i> Round lake floater | Unionidae | T | | S1 | G1Q |
| <i>Simpsonaias ambigua</i> Salamander mussel | Unionidae | E | | S1 | G3 |

Mussels

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|-----------|--------------|-----------|------------|-------------|
| <i>Toxolasma lividus</i> Purple lilliput | Unionidae | E | | S1 | G2 |
| <i>Toxolasma parvus</i> Lilliput | Unionidae | E | | SNR | G5 |
| <i>Truncilla donaciformis</i> Fawnsfoot | Unionidae | T | | SNR | G5 |
| <i>Truncilla truncata</i> Deertoe | Unionidae | SC | | SNR | G5 |
| <i>Utterbackia imbecillis</i> Paper pondshell | Unionidae | SC | | SNR | G5 |
| <i>Venustaconcha ellipsiformis</i> Ellipse | Unionidae | SC | | S2S3 | G4 |
| <i>Villosa fabalis</i> Rayed bean | Unionidae | E | C | S1 | G2 |
| <i>Villosa iris</i> Rainbow | Unionidae | SC | | S2S3 | G5Q |

Fingernail and Pea Clams

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|-------------|--------------|-----------|------------|-------------|
| <i>Pisidium amnicum</i> Greater European pea clam | Sphaeriidae | SC | | SNA | G5 |
| <i>Pisidium cruciatum</i> Ornamanted peaclam | Sphaeriidae | SC | | SNR | GU |
| <i>Pisidium equilaterale</i> Round peaclam | Sphaeriidae | SC | | SNR | G3G5 |
| <i>Pisidium idahoense</i> Giant northern pea clam | Sphaeriidae | SC | | SNR | G5 |
| <i>Pisidium simplex</i> A fingernail clam | Sphaeriidae | SC | | SNR | G5 |
| <i>Sphaerium corneum</i> European pea clam | Sphaeriidae | SC | | SNR | G5 |
| <i>Sphaerium fabale</i> River fingernail clam | Sphaeriidae | SC | | SNR | G5 |

Snails

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|----------------|--------------|-----------|------------|-------------|
| <i>Acella haldemani</i> Spindle lymnaea | Lymnaeidae | SC | | S3 | G3 |
| <i>Anguispira kochi</i> Banded globe | Discidae | SC | | SU | G5 |
| <i>Appalachina sayanus</i> Spike-lip crater | Polygyridae | SC | | SU | G5 |
| <i>Birgella subglobosus</i> Globe siltsnail | Hydrobiidae | SC | | SNR | G4 |
| <i>Carychium nannodes</i> File thorn | Carychiidae | SC | | SNR | G5 |
| <i>Catinella exile</i> Pleistocene catinella | Succineidae | T | | SU | G2 |
| <i>Catinella gelida</i> A land snail (no common name) | Succineidae | T | | SH | G1 |
| <i>Catinella protracta</i> A land snail (no common name) | Succineidae | E | | SNR | G2Q |
| <i>Cincinnatia cincinnatiensis</i> Campeloma spire snail | Hydrobiidae | SC | | SNR | G5 |
| <i>Discus patulus</i> Domed disc | Discidae | SC | | SU | G5 |
| <i>Euchemotrema hubrichti</i> Carinate pillsnail | Polygyridae | T | | SNR | G1 |
| <i>Euconulus alderi</i> A land snail (no common name) | Helicarionidae | T | | S2 | G4Q |
| <i>Fontigens nickliniana</i> Watercress snail | Hydrobiidae | SC | | SU | G5 |
| <i>Fossaria cyclostoma</i> Bugle fossaria | Lymnaeidae | T | | SNR | GH |
| <i>Fossaria galbana</i> Boreal fossaria | Lymnaeidae | SC | | SNR | G5 |
| <i>Gastrocopta holzingeri</i> Lambda snaggletooth | Pupillidae | E | | S1 | G5 |
| <i>Glyphyalinia solida</i> A land snail (no common name) | Zonitidae | SC | | SNR | G5 |
| <i>Guppya sterkii</i> Sterki's granule | Helicarionidae | E | | S1 | G5 |

Snails

| Species | Family | State Status | US Status | State Rank | Global Rank |
|---|----------------|--------------|-----------|------------|-------------|
| <i>Hawaiiia alachuana</i> Southeastern gem | Zonitidae | SC | | SNR | G4G5Q |
| <i>Helicodiscusingleyanus</i> Smooth coil | Helicodiscidae | SC | | SNR | G5 |
| <i>Helisoma anceps royalense</i> Lake Superior ramshorn | Planorbidae | SC | | SNR | G5T2T3 |
| <i>Hendersonia occulta</i> Cherrystone drop | Helicinidae | T | | S1 | G4 |
| <i>Lyogyrus walkeri</i> Canadian duskysnail | Hydrobiidae | SC | | SNR | G3G4 |
| <i>Mesodon clausus</i> Yellow globelet | Polygyridae | SC | | SNR | G5 |
| <i>Mesodon elevatus</i> Proud globe | Polygyridae | T | | SU | G5 |
| <i>Mesodon mitchellianus</i> Sealed globelet | Polygyridae | SC | | SNR | G4 |
| <i>Mesodon pennsylvanicus</i> Proud globelet | Polygyridae | SC | | SNR | G4 |
| <i>Mesomphix cupreus</i> Copper button | Zonitidae | SC | | SU | G5 |
| <i>Pallifera fosteri</i> Foster mantleslug | Philomycidae | T | | SNR | G5 |
| <i>Philomycus carolinianus</i> Carolina mantleslug | Philomycidae | SC | | SU | G5 |
| <i>Physella magnalacustris</i> Great Lakes physa | Physidae | SC | | SNR | G5Q |
| <i>Physella parkeri</i> Broadshoulder physa | Physidae | T | | SNR | G2Q |
| <i>Planogyra asteriscus</i> Eastern flat-whorl | Valloniidae | SC | | S3 | G4 |
| <i>Planorbella multivolvis</i> Acorn ramshorn | Planorbidae | E | | SX | GX |
| <i>Planorbella smithi</i> An aquatic snail (no common name) | Planorbidae | E | | S2 | G5T2 |
| <i>Pomatiopsis cincinnatiensis</i> Brown walker | Pomatiopsidae | SC | | SU | G4 |
| <i>Pupilla muscorum</i> Widespread column | Pupillidae | SC | | SU | G5 |

Snails

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|-------------|--------------|-----------|------------|-------------|
| <i>Pyrgulopsis letsoni</i> Gravel pyrg | Hydrobiidae | SC | | SU | G5 |
| <i>Stagnicola contracta</i> Deepwater pondsnail | Lymnaeidae | E | | S1 | G1 |
| <i>Stagnicola petoskeyensis</i> Petoskey pondsnail | Lymnaeidae | E | | SH | GH |
| <i>Stagnicola woodruffi</i> Coldwater pondsnail | Lymnaeidae | SC | | SNR | G1G3 |
| <i>Striatura meridionalis</i> Median striate | Zonitidae | SC | | SNR | G5 |
| <i>Vallonia gracilicosta albula</i> A land snail (no common name) | Valloniidae | E | | S1 | G4Q |
| <i>Vallonia parvula</i> Trumpet vallonia | Valloniidae | SC | | SNR | G4 |
| <i>Valvata perdepressa</i> Purplecap valvata | Valvatidae | SC | | SNR | G3 |
| <i>Valvata winnebagoensis</i> Flanged valvata | Valvatidae | SC | | SNR | G2 |
| <i>Ventridens intertextus</i> Pyramid dome | Zonitidae | SC | | SNR | G5 |
| <i>Ventridens suppressus</i> Flat dome | Zonitidae | SC | | SNR | G5 |
| <i>Vertigo bollesiana</i> Delicate vertigo | Pupillidae | T | | S2 | G4 |
| <i>Vertigo cristata</i> Crested vertigo | Pupillidae | SC | | S3 | G5 |
| <i>Vertigo elatior</i> Tapered vertigo | Pupillidae | SC | | S3 | G5 |
| <i>Vertigo hubrichti</i> Hubricht's vertigo | Pupillidae | E | | S2 | G3 |
| <i>Vertigo modesta modesta</i> A land snail (no common name) | Pupillidae | E | | S1 | GNR |
| <i>Vertigo modesta parietalis</i> A land snail (no common name) | Pupillidae | E | | S1 | G5T1 |
| <i>Vertigo morsei</i> Six-whorl vertigo | Pupillidae | E | | S2 | G3 |
| <i>Vertigo nylanderi</i> Deep-throat vertigo | Pupillidae | E | | S1 | G3G4 |

Snails

| Species | Family | State Status | US Status | State Rank | Global Rank |
|--|---------------|---------------------|------------------|-------------------|--------------------|
| <i>Vertigo paradoxa</i> Mystery vertigo | Pupillidae | SC | | S3 | G4G5Q |
| <i>Vertigo pygmaea</i> Crested vertigo | Pupillidae | SC | | SU | G5 |
| <i>Xolotrema denotata</i> Velvet wedge | Polygyridae | SC | | SU | G5 |