

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.

Species	Family	State Status	US Status	State Rank	Global Rank
<i>Accipiter gentilis</i> Northern goshawk	Accipitridae	SC		S3	G5
<i>Acella haldemani</i> Spindle lymnaea	Lymnaeidae	SC		S3	G3
<i>Acipenser fulvescens</i> Lake sturgeon	Acipenseridae	T		S2	G3G4
<i>Acris crepitans blanchardi</i> Blanchard's cricket frog	Hylidae	T		S2S3	G5T5
<i>Acronicta falcata</i> Corylus dagger moth	Noctuidae	SC		S2S3	G2G4
<i>Alasmidonta marginata</i> Elktoe	Unionidae	SC		S2S3	G4
<i>Alasmidonta viridis</i> Slippershell	Unionidae	T		S2S3	G4G5
<i>Alces americanus</i> Moose	Cervidae	SC		S4	G5
<i>Ambystoma opacum</i> Marbled salamander	Ambystomatidae	E		S1	G5
<i>Ambystoma texanum</i> Smallmouth salamander	Ambystomatidae	E		S1	G5
<i>Ammocrypta pellucida</i> Eastern sand darter	Percidae	T		S1S2	G3
<i>Ammodramus henslowii</i> Henslow's sparrow	Emberizidae	E		S2S3	G4
<i>Ammodramus savannarum</i> Grasshopper sparrow	Emberizidae	SC		S3S4	G5
<i>Anguispira kochi</i> Banded globe	Discidae	SC		SU	G5
<i>Anthopotamus verticis</i> Walker's tusked sprawler	Potamanthidae	SC		SNR	G5
<i>Appalachia arcana</i> Secretive locust	Acrididae	SC		S2S3	G2G3
<i>Appalachina sayanus</i> Spike-lip crater	Polygyridae	SC		SU	G5
<i>Asio flammeus</i> Short-eared owl	Strigidae	E		S1	G5
<i>Asio otus</i> Long-eared owl	Strigidae	T		S2	G5
<i>Aspidoscelis sexlineata</i> Six-lined racerunner	Teiidae	T		SU	G5

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<i>Atlantiscus davisi</i> Davis's shield-bearer	Tettigoniidae	SC		S2S3	GNR
<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>Birgella subglobosus</i> Globe siltsnail	Hydrobiidae	SC		SNR	G4
<i>Boloria freija</i> Freija fritillary	Nymphalidae	SC		S3S4	G5
<i>Boloria frigga</i> Frigga fritillary	Nymphalidae	SC		S3S4	G5
<i>Bombus affinis</i> Rusty-patched bumble bee	Apidae	SC		SNR	GU
<i>Bombus terricola</i> Yellow banded bumble bee	Apidae	SC		SNR	GU
<i>Botaurus lentiginosus</i> American bittern	Ardeidae	SC		S3S4	G4
<i>Brachionycha borealis</i> Boreal brachionyncha	Noctuidae	SC		S1S2	G4
<i>Brychius hungerfordi</i> Hungerford's crawling water beetle	Haliplidae	E	LE	S1	G1
<i>Buteo lineatus</i> Red-shouldered hawk	Accipitridae	T		S3S4	G5
<i>Calephelis mutica</i> Swamp metalmark	Riodinidae	SC		S1S2	G3
<i>Canis lupus</i> Gray Wolf	Canidae	T	LE	S3	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

Species	Family	State Status	US Status	State Rank	Global Rank
<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>Charadrius melodus</i> Piping plover	Charadriidae	E	LE	S1	G3
<i>Chlidonias niger</i> Black tern	Laridae	SC		S3	G4
<i>Chlosyne gorgone carlota</i> Gorgone checkerspot	Nymphalidae	SC		S2S3	G5T5
<i>Chondestes grammacus</i> Lark sparrow	Emberizidae	X		SX	G5
<i>Cincinnatia cincinnatiensis</i> Campeloma spire snail	Hydrobiidae	SC		SNR	G5
<i>Circus cyaneus</i> Northern harrier	Accipitridae	SC		S3	G5
<i>Cistothorus palustris</i> Marsh wren	Troglodytidae	SC		S3S4	G5
<i>Clemmys guttata</i> Spotted turtle	Emydidae	T		S2	G5
<i>Clinostomus elongatus</i> Redside dace	Cyprinidae	E		S1S2	G3G4
<i>Clonophis kirtlandii</i> Kirtland's snake	Colubridae	E		S1	G2
<i>Cordulegaster erronea</i> Tiger spiketail	Cordulegastridae	SC		S1S2	G4
<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

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<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>Coturnicops noveboracensis</i> Yellow rail	Rallidae	T		S1S2	G4
<i>Cryptotis parva</i> Least shrew	Soricidae	T		S1S2	G5
<i>Cyclonaias tuberculata</i> Purple wartyback	Unionidae	T		S2S3	G5
<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>Discus patulus</i> Domed disc	Discidae	SC		SU	G5
<i>Dorydiella kansana</i> Leafhopper	Cicadellidae	SC		S1S2	GNR
<i>Dryobius sexnotatus</i> Six-banded longhorn beetle	Cerambycidae	T		SH	GNR
<i>Eacles imperialis pini</i> Pine imperial moth	Saturniidae	SC		S2S3	G5T3T4
<i>Emys blandingii</i> Blanding's turtle	Emydidae	SC		S3	G4
<i>Epeorus suffusus</i> A mayfly	Heptageniidae	SC		SNR	G1Q
<i>Epioblasma obliquata perobliqua</i> White catspaw	Unionidae	E	LE	SH	G1T1
<i>Epioblasma torulosa rangiana</i> Northern riffleshell	Unionidae	E	LE	S1	G2T2

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<i>Epioblasma triquetra</i> Snuffbox	Unionidae	E		S1	G3
<i>Erebia discoidalis</i> Red-disked alpine	Nymphalidae	SC		S2S3	G5
<i>Erimyzon claviformis</i> Creek chubsucker	Catostomidae	E		S1S2	GNR
<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>Etheostoma spectabile</i> Orangethroat darter	Percidae	SC		S3	G5
<i>Euchemotrema hubrichti</i> Carinate pillsnail	Polygyridae	T		SNR	G1
<i>Euchloe ausonides</i> Large marble	Pieridae	SC		S1S2	G5
<i>Euconulus alderi</i> A land snail (no common name)	Helicarionidae	T		S2	G4Q
<i>Euphyes dukesi</i> Dukes' skipper	Hesperiidae	T		S1	G3
<i>Euxoa aurulenta</i> Dune cutworm	Noctuidae	SC		S1S2	G5
<i>Falcapennis canadensis</i> Spruce grouse	Phasianidae	SC		S2S3	G5
<i>Falco columbarius</i> Merlin	Falconidae	T		S1S2	G5
<i>Falco peregrinus</i> Peregrine falcon	Falconidae	E		S1	G4
<i>Felis concolor</i> Cougar	Felidae	E	PS	SH	G5
<i>Fixsenia favonius ontario</i> Northern hairstreak	Lycaenidae	SC		S1	G4T4
<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

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<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>Fundulus dispar</i> Starhead topminnow	Fundulidae	SC		S2	G4
<i>Gallinula chloropus</i> Common moorhen	Rallidae	T		S3	G5
<i>Gastrocopta holzingeri</i> Lambda snaggletooth	Pupillidae	E		S1	G5
<i>Gavia immer</i> Common loon	Gaviidae	T		S3S4	G5
<i>Glaucomys sabrinus</i> Northern flying squirrel	Sciuridae	SC		S5	G5
<i>Glyphyalinia solida</i> A land snail (no common name)	Zonitidae	SC		SNR	G5
<i>Glyptemys insculpta</i> Wood turtle	Emydidae	SC		S2S3	G4
<i>Gomphus lineatifrons</i> Splendid clubtail	Gomphidae	SC		S2S3	G4
<i>Gomphus quadricolor</i> Rapids clubtail	Gomphidae	SC		S2S3	G3G4
<i>Guppya sterkii</i> Sterki's granule	Helicarionidae	E		S1	G5
<i>Habrophlebiodes americana</i> A mayfly	Leptophlebiidae	SC		SNR	G5
<i>Haliaeetus leucocephalus</i> Bald eagle	Accipitridae	SC		S4	G5
<i>Hawaiia alachuana</i> Southeastern gem	Zonitidae	SC		SNR	G4G5Q
<i>Helicodiscus singleyanus</i> Smooth coil	Helicodiscidae	SC		SNR	G5
<i>Helisoma anceps royalense</i> Lake Superior ramshorn	Planorbidae	SC		SNR	G5T2T3
<i>Hemileuca maia</i> Barrens buckmoth	Saturniidae	SC		S2S3	G5
<i>Hendersonia occulta</i> Cherrystone drop	Helicinidae	T		S1	G4

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<i>Hesperia ottoe</i> Ottoe skipper	Hesperiidae	T		S1S2	G3G4
<i>Hetaerina titia</i> Smokey rubyspot	Calopterygidae	SC		SNR	G5
<i>Heterocampa subrotata</i> Small heterocampa	Notodontidae	SC		S1S2	G4G5
<i>Heteropacha rileyana</i> Riley's lappet moth	Lasiocampidae	SC		S1S2	G4
<i>Hiodon tergisus</i> Mooneye	Hiodontidae	T		S2	G5
<i>Incisalia henrici</i> Henry's elfin	Lycaenidae	T		S2S3	G5
<i>Incisalia irus</i> Frosted elfin	Lycaenidae	T		S2S3	G3
<i>Ixobrychus exilis</i> Least bittern	Ardeidae	T		S2	G5
<i>Lampsilis fasciola</i> Wavyrayed lampmussel	Unionidae	T		S2	G5
<i>Lanius ludovicianus migrans</i> Migrant loggerhead shrike	Laniidae	E		S1	G4T3Q
<i>Lepisosteus oculatus</i> Spotted gar	Lepisosteidae	SC		S2S3	G5
<i>Leptodea leptodon</i> Scaleshell	Unionidae	SC	LE	SU	G1G2
<i>Lepyronia angulifera</i> Angular spittlebug	Cercopidae	SC		S1S2	G3
<i>Lepyronia gibbosa</i> Great Plains spittlebug	Cercopidae	SC		S1S2	G3G4
<i>Ligumia nasuta</i> Eastern pondmussel	Unionidae	E		SNR	G4
<i>Ligumia recta</i> Black sandshell	Unionidae	E		SNR	G5
<i>Limnephilus pallens</i> A caddisfly	Limnephilidae	SC		SNR	G3G4
<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>Lycaeides idas nabokovi</i> Northern blue	Lycaenidae	T		S2	G5TU

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<i>Lycaeides melissa samuelis</i> Karner blue	Lycaenidae	T	LE	S2	G5T2
<i>Lynx canadensis</i> Lynx	Felidae	E	LT	S1	G5
<i>Lyogyrus walkeri</i> Canadian duskysnail	Hydrobiidae	SC		SNR	G3G4
<i>Macrhybopsis storeriana</i> Silver chub	Cyprinidae	SC		S2S3	G5
<i>Melanoplus flavidus</i> Blue-legged locust	Acrididae	SC		S1S3	G4
<i>Merolonche doli</i> Doll's merolonche	Noctuidae	SC		S1S2	G3G4
<i>Meropleon ambifusca</i> Newman's brocade	Noctuidae	SC		S1S2	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>Microtus ochrogaster</i> Prairie vole	Muridae	E		S1	G5
<i>Microtus pinetorum</i> Woodland vole	Muridae	SC		S3S4	G5
<i>Moxostoma carinatum</i> River redbhorse	Catostomidae	T		S1	G4
<i>Myotis sodalis</i> Indiana bat	Vespertilionidae	E	LE	S1	G2
<i>Neoconocephalus lyristes</i> Bog conehead	Tettigoniidae	SC		S1S3	GNR
<i>Neoconocephalus retusus</i> Conehead grasshopper	Tettigoniidae	SC		S1	GNR
<i>Neohermes concolor</i> A fishfly	Corydalidae	SC		SNR	GNR
<i>Neonympha mitchellii mitchellii</i> Mitchell's satyr	Nymphalidae	E	LE	S1	G1G2T1T2

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<i>Nerodia erythrogaster neglecta</i> Copperbelly water snake	Colubridae	E	LT	S1	G5T3
<i>Nicrophorus americanus</i> American burying beetle	Silphidae	X	LE	SH	G2G3
<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>Nycticeius humeralis</i> Evening bat	Vespertilionidae	T		SNA	G5
<i>Nycticorax nycticorax</i> Black-crowned night-heron	Ardeidae	SC		S2S3	G5
<i>Oarisma poweshiek</i> Poweshiek skipperling	Hesperiidae	T		S1S2	G2G3
<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>Oecanthus laricis</i> Tamarack tree cricket	Gryllidae	SC		S1S2	G1G2
<i>Oecanthus pini</i> Pinetree cricket	Gryllidae	SC		S1S2	GNR
<i>Oeneis macounii</i> Macoun's arctic	Nymphalidae	SC		S2S3	G5
<i>Oncocnemis piffardi</i> 3-striped oncocnemis	Noctuidae	SC		S1S2	G4

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<i>Ophiogomphus anomalus</i> Extra-striped snaketail	Gomphidae	SC		S1	G4
<i>Ophiogomphus howei</i> Pygmy snaketail	Gomphidae	T		S1	G3
<i>Opsopoeodus emiliae</i> Pugnose minnow	Cyprinidae	E		S1	G5
<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>Pachypolia atricornis</i> Three-horned moth	Noctuidae	SC		S1S2	G3G4
<i>Pallifera fosteri</i> Foster mantleslug	Philomycidae	T		SNR	G5
<i>Pandion haliaetus</i> Osprey	Accipitridae	SC		S4	G5
<i>Pantherophis gloydi</i> Eastern fox snake	Colubridae	T		S2	G3
<i>Pantherophis spiloides</i> Gray ratsnake	Colubridae	SC		S3	G5T5
<i>Papaipema aweme</i> Aweme borer	Noctuidae	SC		SH	G1
<i>Papaipema beeriana</i> Blazing star borer	Noctuidae	SC		S1S2	G2G3
<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>Paroxya hoosieri</i> Hoosier locust	Acrididae	SC		S2S3	G5
<i>Percina copelandi</i> Channel darter	Percidae	E		S1S2	G4

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<i>Percina shumardi</i> River darter	Percidae	E		S1	G5
<i>Phalaropus tricolor</i> Wilson's phalarope	Scolopacidae	SC		S2	G5
<i>Philaenarcys bilineata</i> Prairie spittle bug	Cercopidae	SC		SNR	GNR
<i>Philomycus carolinianus</i> Carolina mantleslug	Philomycidae	SC		SU	G5
<i>Phoxinus erythrogaster</i> Southern redbelly dace	Cyprinidae	E		S1	G5
<i>Phyciodes batesii</i> Tawny crescent	Nymphalidae	SC		S4	G4
<i>Physella magnalacustris</i> Great Lakes physa	Physidae	SC		SNR	G5Q
<i>Physella parkeri</i> Broadshoulder physa	Physidae	T		SNR	G2Q
<i>Picoides arcticus</i> Black-backed woodpecker	Picidae	SC		S2	G5
<i>Pipistrellus subflavus</i> Eastern pipistrelle	Vespertilionidae	SC		S2	G5
<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>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>Pleurobema clava</i> Clubshell	Unionidae	E	LE	S1	G2
<i>Pleurobema sintoxia</i> Round pigtoe	Unionidae	SC		S2S3	G4G5

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<i>Polygonia gracilis</i> Hoary comma	Nymphalidae	SC		S3	G5
<i>Polyodon spathula</i> Paddlefish	Polyodontidae	X		SX	G4
<i>Pomatiopsis cincinnatiensis</i> Brown walker	Pomatiopsidae	SC		SU	G4
<i>Potamilus ohiensis</i> Pink papershell	Unionidae	T		SNR	G5
<i>Prosapia ignipectus</i> Red-legged spittlebug	Cercopidae	SC		S2S3	G4
<i>Proserpinus flavofasciata</i> Yellow-banded day-sphinx	Sphingidae	SC		S2S3	G4
<i>Protonotaria citrea</i> Prothonotary warbler	Parulidae	SC		S3	G5
<i>Pseudacris triseriata maculata</i> Boreal chorus frog	Hylidae	SC		S1	G5
<i>Psinidia fenestralis</i> Atlantic-coast locust	Acrididae	SC		S1S3	G5
<i>Ptychobranthus fasciolaris</i> Kidney shell	Unionidae	SC		SNR	G4G5
<i>Pupilla muscorum</i> Widespread column	Pupillidae	SC		SU	G5
<i>Pyganodon subgibbosa</i> Round lake floater	Unionidae	T		S1	G1Q
<i>Pygarctia spraguei</i> Sprague's pygarctia	Arctiidae	SC		S2S3	G5
<i>Pyrgulopsis letsoni</i> Gravel pyrg	Hydrobiidae	SC		SU	G5
<i>Pyrgus wyandot</i> Grizzled skipper	Hesperiidae	SC		S1S2	G1G2Q
<i>Rallus elegans</i> King rail	Rallidae	E		S1	G4
<i>Rana pipiens</i> Northern leopard frog	Ranidae	SC		S5	G5
<i>Regina septemvittata</i> Queen snake	Colubridae	SC		S4	G5
<i>Sander canadensis</i> Sauger	Percidae	T		S1	G5
<i>Sander glaucus</i> Blue pike	Percidae	X		SX	G5TX

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<i>Schinia indiana</i> Phlox moth	Noctuidae	E		S1S2	G2G4
<i>Schinia lucens</i> Leadplant moth	Noctuidae	E		S1	G4
<i>Scudderia fasciata</i> Pine katydid	Tettigoniidae	SC		S1S3	GNR
<i>Seiurus motacilla</i> Louisiana waterthrush	Parulidae	T		S2S3	G5
<i>Simpsonaias ambigua</i> Salamander mussel	Unionidae	E		S1	G3
<i>Siren intermedia nettingi</i> Western lesser siren	Sirenidae	SC		SH	G5T5
<i>Sistrurus catenatus catenatus</i> Eastern massasauga	Viperidae	SC	C	S3S4	G3G4T3T4Q
<i>Somatochlora hineana</i> Hine's emerald dragonfly	Corduliidae	E	LE	S1	G2G3
<i>Somatochlora incurvata</i> Incurvate emerald	Corduliidae	SC		S1S2	G4
<i>Sorex fumeus</i> Smoky shrew	Soricidae	T		S1	G5
<i>Spartiniphaga inops</i> Spartina moth	Noctuidae	SC		S1S2	G3G4
<i>Speyeria idalia</i> Regal fritillary	Nymphalidae	E		SH	G3
<i>Sphaerium corneum</i> European pea clam	Sphaeriidae	SC		SNR	G5
<i>Sphaerium fabale</i> River fingernail clam	Sphaeriidae	SC		SNR	G5
<i>Spiza americana</i> Dickcissel	Cardinalidae	SC		S3	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>Stenelmis douglasensis</i> Douglas stenelmis riffle beetle	Elmidae	SC		S1S2	G1G3
<i>Sterna caspia</i> Caspian tern	Laridae	T		S2	G5

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<i>Sterna forsteri</i> Forster's tern	Laridae	T		S2	G5
<i>Sterna hirundo</i> Common tern	Laridae	T		S2	G5
<i>Striatura meridionalis</i> Median striate	Zonitidae	SC		SNR	G5
<i>Sturnella neglecta</i> Western meadowlark	Icteridae	SC		S4	G5
<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>Terrapene carolina carolina</i> Eastern box turtle	Emydidae	SC		S2S3	G5T5
<i>Thymallus arcticus</i> Arctic grayling	Salmonidae	X		SX	G5
<i>Toxolasma lividus</i> Purple lilliput	Unionidae	E		S1	G2
<i>Toxolasma parvus</i> Lilliput	Unionidae	E		SNR	G5
<i>Trimerotropis huroniana</i> Lake Huron locust	Acrididae	T		S2S3	G2G3
<i>Truncilla donaciformis</i> Fawnsfoot	Unionidae	T		SNR	G5
<i>Truncilla truncata</i> Deertoe	Unionidae	SC		SNR	G5
<i>Tympanuchus phasianellus</i> Sharp-tailed grouse	Phasianidae	SC		S3S4	G4
<i>Tyto alba</i> Barn owl	Tytonidae	E		S1	G5
<i>Utterbackia imbecillis</i> Paper pondshell	Unionidae	SC		SNR	G5
<i>Vallonia gracilicosta albula</i> A land snail (no common name)	Valloniidae	E		S1	G4Q

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<i>Vallonia parvula</i> Trumpet vallonina	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>Venustaconcha ellipsiformis</i> Ellipse	Unionidae	SC		S2S3	G4
<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
<i>Vertigo paradoxa</i> Mystery vertigo	Pupillidae	SC		S3	G4G5Q
<i>Vertigo pygmaea</i> Crested vertigo	Pupillidae	SC		SU	G5
<i>Villosa fabalis</i> Rayed bean	Unionidae	E	C	S1	G2
<i>Villosa iris</i> Rainbow	Unionidae	SC		S2S3	G5Q
<i>Williamsonia fletcheri</i> Ebony boghaunter	Corduliidae	SC		S1S2	G4

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<i>Williamsonia lintneri</i> Ringed boghaunter	Corduliidae	SC		SNR	G3
<i>Wilsonia citrina</i> Hooded warbler	Parulidae	SC		S3	G5
<i>Xanthocephalus xanthocephalus</i> Yellow-headed blackbird	Icteridae	SC		S2	G5
<i>Xolotrema denotata</i> Velvet wedge	Polygyridae	SC		SU	G5