

# Northern Lower Peninsula Species of Greatest Conservation Need

*From Michigan's Wildlife Action Plan*



## Land Snails

eastern flat-whorl	<i>Planogyra asteriscus</i>
widespread column	<i>Pupilla muscorum</i>
tapered vertigo	<i>Vertigo elatior</i>
six-whorl vertigo	<i>Vertigo morsei</i>
deep-throat vertigo	<i>Vertigo nylanderi</i>
pale mantleslug	<i>Pallifera dorsalis</i>
Foster mantleslug	<i>Pallifera fosteri</i>
redfoot mantleslug	<i>Pallifera ohioensis</i>
Carolina mantleslug	<i>Philomycus carolinianus</i>
spike-lip crater	<i>Appalachina sayana</i>
velvet wedge	<i>Xolotrema denotatum</i>
copper button	<i>Mesomphix cupreus</i>

## Crayfish

devil crawfish	<i>Cambarus diogenes</i>
digger crayfish	<i>Fallicambarus fodiens</i>

## Insects: Dragonflies and Damselflies

sedge darner	<i>Aeshna juncea</i>
spatterdock darner	<i>Aeshna mutata</i>
zigzag darner	<i>Aeshna sitchensis</i>
muskeg darner	<i>Aeshna subarctica</i>
ocellated darner	<i>Boyeria grafiana</i>
splendid clubtail	<i>Gomphus lineatifrons</i>
rapids clubtail	<i>Gomphus quadricolor</i>
riverine snaketail	<i>Stylurus amnicola</i>
elusive snaketail	<i>Stylurus notatus</i>
russet-tipped clubtail	<i>Stylurus plagiatus</i>
tiger spiketail	<i>Cordulegaster erronea</i>
arrowhead spiketail	<i>Cordulegaster obliqua</i>
stygian shadowdragon	<i>Neurocordulia yamaskanensis</i>
Hine's emerald	<i>Somatochlora hineana</i>
incurvate emerald	<i>Somatochlora incurvata</i>
ebony boghaunter	<i>Williamsonia fletcheri</i>
ringed boghaunter	<i>Williamsonia lintneri</i>
subarctic bluet	<i>Coenagrion interrogatum</i>

## Insects: Grasshoppers and Crickets

a spur-throat grasshopper	<i>Melanoplus eurycercus</i>
blue-legged locust	<i>Melanoplus flavidus</i>
Lake Huron locust	<i>Trimerotropis huroniana</i>
secretive locust	<i>Appalachia arcana</i>
post-oak grasshopper	<i>Dendrotettix quercus</i>
Davis's shield-bearer	<i>Atlanticus davisii</i>

## Insects: Cicadas and Hoppers

great plains spittlebug	<i>Lepyronia gibbosa</i>
a spittlebug	<i>Philaenarcys killa</i>
red-legged spittlebug	<i>Prosapia ignipectus</i>

## Insects: Beetles

a tiger beetle  
little white tiger beetle  
a tiger beetle  
a tiger beetle

*Cicindela hirticollis rhodensis*  
*Cicindela lepida*  
*Cicindela limbalis*  
*Cicindela macra*

## Insects: Butterflies and Moths

persius duskywing  
grizzled skipper  
ottoe skipper  
dusted skipper  
early hairstreak  
Karner blue  
Henry's elfin  
frosted elfin  
gorgone checkerspot  
tawny crescent  
pine imperial moth  
barrens buckmoth  
Sprague's pygarctia  
boreal fan moth  
dune cutworm  
Doll's merolonche  
3-striped oncocnemis  
three-horned moth  
aweme borer  
blazing star borer  
phlox moth

*Erynnis persius persius*  
*Pyrgus wyandot*  
*Hesperia ottoe*  
*Atrytonopsis hianna*  
*Erora laeta*  
*Lycaeides melissa samuelis*  
*Callophrys henrici*  
*Callophrys irus*  
*Chlosyne gorgone carlota*  
*Phyciodes batesii*  
*Eacles imperialis pini*  
*Hemileuca maia*  
*Pygarctia spraguei*  
*Brachionycha borealis*  
*Euxoa aurulenta*  
*Merolonche dollii*  
*Oncocnemis piffardi*  
*Pachypolia atricornis*  
*Papaipema aweme*  
*Papaipema beeriana*  
*Schinia indiana*

## Amphibians

blue-spotted salamander  
spotted salamander  
eastern tiger salamander  
four-toed salamander  
Fowler's toad  
western chorus frog  
pickerel frog  
northern leopard frog

*Ambystoma laterale*  
*Ambystoma maculatum*  
*Ambystoma tigrinum tigrinum*  
*Hemidactylium scutatum*  
*Bufo fowleri*  
*Pseudacris triseriata triseriata*  
*Rana palustris*  
*Rana pipiens*

## Reptiles

blue racer  
northern ringneck snake  
eastern fox snake  
black rat snake  
eastern hognose snake  
smooth green snake  
queen snake  
eastern massasauga  
spotted turtle  
Blanding's turtle  
wood turtle  
eastern box turtle

*Coluber constrictor foxii*  
*Diadophis punctatus edwardsii*  
*Elaphe gloydi*  
*Elaphe obsoleta obsoleta*  
*Heterodon platirhinos*  
*Liochlorophis vernalis*  
*Regina septemvittata*  
*Sistrurus catenatus catenatus*  
*Clemmys guttata*  
*Emydoidea blandingii*  
*Glyptemys insculpta*  
*Terrapene carolina carolina*

## Birds

Trumpeter Swan  
American Black Duck  
Blue-winged Teal

*Cygnus buccinator*  
*Anas rubripes*  
*Anas discors*

Spruce Grouse	<i>Falcipennis canadensis</i>
Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>
Northern Bobwhite	<i>Colinus virginianus</i>
Common Loon	<i>Gavia immer</i>
Pied-billed Grebe	<i>Podilymbus podiceps</i>
American Bittern	<i>Botaurus lentiginosus</i>
Least Bittern	<i>Ixobrychus exilis</i>
Great Blue Heron	<i>Ardea herodias</i>
Green Heron	<i>Butorides virescens</i>
Black-crowned Night-heron	<i>Nycticorax nycticorax</i>
Osprey	<i>Pandion haliaetus</i>
Bald Eagle	<i>Haliaeetus leucocephalus</i>
Northern Harrier	<i>Circus cyaneus</i>
Cooper's Hawk	<i>Accipiter cooperii</i>
Northern Goshawk	<i>Accipiter gentilis</i>
Red-shouldered Hawk	<i>Buteo lineatus</i>
Merlin	<i>Falco columbarius</i>
Yellow Rail	<i>Coturnicops noveboracensis</i>
King Rail	<i>Rallus elegans</i>
Virginia Rail	<i>Rallus limicola</i>
Sora	<i>Porzana carolina</i>
Common Moorhen	<i>Gallinula chloropus</i>
American Coot	<i>Fulica americana</i>
Piping Plover	<i>Charadrius melodus</i>
Killdeer	<i>Charadrius vociferus</i>
Spotted Sandpiper	<i>Actitis macularia</i>
Upland Sandpiper	<i>Bartramia longicauda</i>
Wilson's Snipe	<i>Gallinago delicata</i>
American Woodcock	<i>Scolopax minor</i>
Wilson's Phalarope	<i>Phalaropus tricolor</i>
Caspian Tern	<i>Sterna caspia</i>
Common Tern	<i>Sterna hirundo</i>
Forster's Tern	<i>Sterna forsteri</i>
Black Tern	<i>Chlidonias niger</i>
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>
Long-eared Owl	<i>Asio otus</i>
Short-eared Owl	<i>Asio flammeus</i>
Common Nighthawk	<i>Chordeiles minor</i>
Whip-poor-will	<i>Caprimulgus vociferus</i>
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>
Black-backed Woodpecker	<i>Picoides arcticus</i>
Northern Flicker	<i>Colaptes auratus</i>
Olive-sided Flycatcher	<i>Contopus cooperi</i>
Acadian Flycatcher	<i>Empidonax virescens</i>
Least Flycatcher	<i>Empidonax minimus</i>
Eastern Kingbird	<i>Tyrannus tyrannus</i>
Migrant Loggerhead Shrike	<i>Lanius ludovicianus migrans</i>
Northern Shrike	<i>Lanius excubitor</i>
White-eyed Vireo	<i>Vireo griseus</i>
Purple Martin	<i>Progne subis</i>
Boreal Chickadee	<i>Poecile hudsonica</i>
Sedge Wren	<i>Cistothorus platensis</i>
Marsh Wren	<i>Cistothorus palustris</i>
Ruby-crowned Kinglet	<i>Regulus calendula</i>
Wood Thrush	<i>Hylocichla mustelina</i>
Northern Mockingbird	<i>Mimus polyglottos</i>
Brown Thrasher	<i>Toxostoma rufum</i>

Blue-winged Warbler  
Golden-winged Warbler  
Northern Parula  
Black-throated Blue Warbler  
Blackburnian Warbler  
Kirtland's Warbler  
Prairie Warbler  
Cerulean Warbler  
Prothonotary Warbler  
Worm-eating Warbler  
Louisiana Waterthrush  
Connecticut Warbler  
Hooded Warbler  
Canada Warbler  
Yellow-breasted Chat  
Eastern Towhee  
Field Sparrow  
Vesper Sparrow  
Savannah Sparrow  
Grasshopper Sparrow  
Henslow's Sparrow  
Dickcissel  
Bobolink  
Eastern Meadowlark  
Western Meadowlark  
Yellow-headed Blackbird  
Red Crossbill  
White-winged Crossbill  
Evening Grosbeak

*Vermivora pinus*  
*Vermivora chrysoptera*  
*Parula americana*  
*Dendroica caerulescens*  
*Dendroica fusca*  
*Dendroica kirtlandii*  
*Dendroica discolor*  
*Dendroica cerulea*  
*Protonotaria citrea*  
*Helmitheros vermivorus*  
*Seiurus motacilla*  
*Oporornis agilis*  
*Wilsonia citrina*  
*Wilsonia canadensis*  
*Icteria virens*  
*Pipilo erythrophthalmus*  
*Spizella pusilla*  
*Poocetes gramineus*  
*Passerculus sandwichensis*  
*Ammodramus savannarum*  
*Ammodramus henslowii*  
*Spiza americana*  
*Dolichonyx oryzivorus*  
*Sturnella magna*  
*Sturnella neglecta*  
*Xanthocephalus xanthocephalus*  
*Loxia curvirostra*  
*Loxia leucoptera*  
*Coccothraustes vespertinus*

## Mammals

pygmy shrew  
water shrew  
silver-haired bat  
red bat  
hoary bat  
northern bat or northern myotis  
Indiana bat or Indiana myotis  
eastern pipistrelle  
American marten  
least weasel  
northern flying squirrel  
woodland jumping mouse  
southern red-backed vole  
woodland vole  
southern bog lemming  
deer mouse  
snowshoe hare

*Sorex hoyi*  
*Sorex palustris*  
*Lasionycteris noctivagans*  
*Lasiurus borealis*  
*Lasiurus cinereus*  
*Myotis septentrionalis*  
*Myotis sodalis*  
*Pipistrellus subflavus*  
*Martes americana*  
*Mustela nivalis*  
*Glaucomys sabrinus*  
*Napaeozapus insignis*  
*Clethrionomys gapperi*  
*Microtus pinetorum*  
*Synaptomys cooperi*  
*Peromyscus maniculatus gracilis*  
*Lepus americanus*