

Tomorrow's Habitat for the Wild and Rare: an Action Plan for Minnesota Wildlife

Set of Species in Greatest Conservation Need

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Mammals				
<i>Canis lupus</i>	Gray Wolf	SPC	THR	Federally Threatened, MN Special Concern.
<i>Cervus elaphus</i>	Elk	SPC	NL	MN Special Concern.
<i>Cryptotis parva</i>	Least Shrew	SPC	NL	MN Special Concern.
<i>Felis concolor</i>	Mountain Lion	SPC	NL	MN Special Concern.
<i>Lynx canadensis</i>	Canada lynx	NL	THR	Federally Threatened.
<i>Microtus chrotorrhinus</i>	Rock Vole	NL	NL	Tracked in MN heritage database.
<i>Microtus ochrogaster</i>	Prairie Vole	SPC	NL	MN Special Concern.
<i>Microtus pinetorum</i>	Woodland Vole	SPC	NL	MN Special Concern.
<i>Mustela nivalis</i>	Least Weasel	SPC	NL	MN Special Concern.
<i>Myotis septentrionalis</i>	Northern Myotis	SPC	NL	MN Special Concern.
<i>Onychomys leucogaster</i>	Northern Grasshopper Mouse	NL	NL	Tracked in MN heritage database.
<i>Perognathus flavescens</i>	Plains Pocket Mouse	SPC	NL	MN Special Concern.
<i>Phenacomys intermedius</i>	Heather Vole	SPC	NL	MN Special Concern.
<i>Pipistrellus subflavus</i>	Eastern Pipistrelle	SPC	NL	MN Special Concern.
<i>Reithrodontomys megalotis</i>	Western Harvest Mouse	NL	NL	Tracked in MN heritage database.
<i>Sorex fumeus</i>	Smoky Shrew	SPC	NL	MN Special Concern.
<i>Spermophilus franklinii</i>	Franklin's Ground Squirrel	NL	NL	Stewardship species - stable pop in MN, declining in region.
<i>Spermophilus richardsonii</i>	Richardson's Ground Squirrel	NL	NL	Tracked in MN heritage database.
<i>Spilogale putorius</i>	Eastern Spotted Skunk	THR	NL	MN Threatened.
<i>Synaptomys borealis</i>	Northern Bog Lemming	SPC	NL	MN Special Concern.
<i>Taxidea taxus</i>	American Badger	NL	NL	Dependent on rare and declining grassland habitat, population numbers are not fully known, protected in WI, IL, MI.
<i>Thomomys talpoides</i>	Northern Pocket Gopher	SPC	NL	MN Special Concern.
Birds				
<i>Accipiter gentilis</i>	Northern Goshawk	NL	NL	Suggested addition by several people on feedback teams. On USFS sensitive spp list - vulnerable habitat (large patches of mature forest), may be regionally declining, tracked by MN DNR Heritage.
<i>Aechmophorus occidentalis</i>	Western Grebe	NL	NL	Suggested addition by several people on feedback teams. Declining MN population, with only 4 nesting colonies. Declining habitat. Been several nesting failures. Tracked in M DNR Heritage database.
<i>Aegolius funereus</i>	Boreal Owl	NL	NL	Suggested addition by several people on feedback teams. Meets several criteria - declining habitat, rare and declining in MN, not adequately surveyed by breeding bird survey, tracked by MN DNR heritage.
<i>Ammodramus bairdii</i>	Baird's Sparrow	END	NL	MN Endangered.
<i>Ammodramus henslowii</i>	Henslow's Sparrow	END	NL	MN Endangered.
<i>Ammodramus leconteii</i>	Le Conte's Sparrow	NL	NL	Highest Partners in Flight Priority (PIF 1) in the Boreal Hardwood Transition plan (BCR12).
<i>Ammodramus nelsoni</i>	Nelson's Sharp-tailed Sparrow	SPC	NL	MN Special Concern.
<i>Ammodramus savannarum</i>	Grasshopper Sparrow	NL	NL	High Partners in Flight Priority (PIF 2) in several Bird Conservation Regions (BCRs).

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Birds				
Anas acuta	Northern Pintail	NL	NL	According to DNR Waterfowl Committee chair: Continental population stable since 1985, but significant long-term decline dating to the 1950s; MN population low and declining since 1986.
Anas rubripes	American Black Duck	NL	NL	According to DNR Waterfowl Committee chair: Continental population declining, MN population low (<1,000) based on 1991-93 Black Duck Survey.
Anthus spragueii	Sprague's Pipit	END	NL	MN Endangered.
Arenaria interpres	Ruddy Turnstone	NL	NL	High Priority (4) in the Prairie Pothole (BCR11) Shorebird Plan.
Asio flammeus	Short-eared Owl	SPC	NL	MN Special Concern.
Aythya affinis	Lesser Scaup	NL	NL	According to DNR Waterfowl Committee chair: Continental population declining since 1985 and long-term (Lesser and Greater combined), MN population stable but survey poorly timed for breeding scaup.
Bartramia longicauda	Upland Sandpiper	NL	NL	High Priority (4) in all Bird Conservation Regions of Shorebird Plans.
Botaurus lentiginosus	American Bittern	NL	NL	High priority in all Bird Conservation Regions of Waterbird plans.
Buteo lineatus	Red-shouldered Hawk	SPC	NL	MN Special Concern.
Buteo swainsoni	Swainson's Hawk	NL	NL	Partners in Flight Continental Watchlist.
Calcarius ornatus	Chestnut-collared Longspur	END	NL	MN Endangered.
Calidris alpina	Dunlin	NL	NL	High Priority (4) in the Prairie Pothole (BCR11) Shorebird Plan.
Calidris fuscicollis	White-rumped Sandpiper	NL	NL	High Priority (4) in the Prairie Pothole (BCR11) Shorebird Plan.
Calidris pusilla	Semipalmated Sandpiper	NL	NL	High Priority (4) in the Prairie Pothole (BCR11) Shorebird Plan.
Caprimulgus vociferus	Whip-poor-will	NL	NL	Suggested addition by several people on feedback teams. Not well monitored by breeding bird surveys. Declining populations, insectivore and aerial feeder - special resource needs. Id'd on USFWS reg. 3 concern list.
Catharus fuscescens	Veery	NL	NL	Highest Partners in Flight Priority (PIF 1) in the Boreal Hardwood Transition plan (BCR12).
Charadrius melodus	Piping Plover	END	END	Federally Endangered in Great Lakes watershed, Federally Threatened elsewhere. MN Endangered.
Chlidonias niger	Black Tern	NL	NL	High priority in all Bird Conservation Regions Waterbird plans.
Chordeiles minor	Common Nighthawk	NL	NL	Suggested addition by several people on feedback teams. Not well monitored by breeding bird surveys. Declining populations, insectivore and aerial feeder - special resource needs.
Circus cyaneus	Northern Harrier	NL	NL	High Partners in Flight Priority (PIF 2) in several Bird Conservation Regions (BCRs).
Cistothorus palustris	Marsh Wren	NL	NL	High Partners in Flight Priority (PIF 2) in several Bird Conservation Regions (BCRs).
Cistothorus platensis	Sedge Wren	NL	NL	Highest Partners in Flight Priority (PIF 1) in several Bird Conservation Regions (BCRs).
Coccyzus erythrophthalmus	Black-billed Cuckoo	NL	NL	Highest Partners in Flight Priority (PIF 1) in several Bird Conservation Regions (BCRs).
Contopus cooperi	Olive-sided Flycatcher	NL	NL	Partners in Flight Continental Watchlist.
Contopus virens	Eastern Wood-pewee	NL	NL	High Partners in Flight Priority (PIF 2A) in the Boreal Hardwood Transition plan (BCR12). Also shows one of the most significant declines in the NRRI forest bird monitoring.
Coturnicops noveboracensis	Yellow Rail	SPC	NL	MN Special Concern, High priority in several BCRs of Waterbird Plans.
Cygnus buccinator	Trumpeter Swan	THR	NL	MN Threatened.
Dendroica caerulescens	Black-throated Blue Warbler	NL	NL	Highest Partners in Flight Priority (PIF 1) in the Boreal Hardwood Transition plan (BCR12).
Dendroica castanea	Bay-breasted Warbler	NL	NL	Partners in Flight Continental Watchlist.
Dendroica cerulea	Cerulean Warbler	SPC	NL	MN Special Concern.
Dendroica tigrina	Cape May Warbler	NL	NL	Highest Partners in Flight Priority (PIF 1) in the Boreal Hardwood Transition plan (BCR12).
Dolichonyx oryzivorus	Bobolink	NL	NL	Highest Partners in Flight Priority (PIF 1) in several Bird Conservation Regions (BCRs).
Empidonax minimus	Least Flycatcher	NL	NL	High Partners in Flight Priority (PIF 2A) in the Boreal Hardwood Transition plan (BCR12).
Empidonax traillii	Willow Flycatcher	NL	NL	Partners in Flight Continental Watchlist.

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Birds				
<i>Empidonax virescens</i>	Acadian Flycatcher	SPC	NL	MN Special Concern.
<i>Euphagus carolinus</i>	Rusty Blackbird	NL	NL	Partners in Flight Continental Watchlist.
<i>Falcapennis canadensis</i>	Spruce Grouse	NL	NL	Suggested addition by several people on feedback teams. Not well monitored by BBS, on USFS sensitive species list, vulnerable habitat, not much known about population trends, however.
<i>Falco peregrinus</i>	Peregrine Falcon	THR	NL	MN Threatened.
<i>Gallinula chloropus</i>	Common Moorhen	SPC	NL	MN Special Concern, Moderate concern in several BCRs of Waterbird Plans.
<i>Gavia immer</i>	Common Loon	NL	NL	High priority in several Bird Conservation Regions of Waterbird plans.
<i>Haliaeetus leucocephalus</i>	Bald Eagle	SPC	THR	Federally Threatened, MN Special Concern.
<i>Hylocichla mustelina</i>	Wood Thrush	NL	NL	Partners in Flight Continental Watchlist.
<i>Ixobrychus exilis</i>	Least Bittern	NL	NL	Moderate priority in all Bird Conservation Regions (BCRs) of Waterbird plan.
<i>Lanius ludovicianus</i>	Loggerhead Shrike	THR	NL	MN Threatened.
<i>Larus pipixcan</i>	Franklin's Gull	SPC	NL	MN Special Concern.
<i>Limnodromus griseus</i>	Short-billed Dowitcher	NL	NL	High Priority (4) in several Bird Conservation Regions of Shorebird Plans.
<i>Limosa fedoa</i>	Marbled Godwit	SPC	NL	MN Special Concern, Priority 4 on all BCRs of Shorebird plans.
<i>Limosa haemastica</i>	Hudsonian Godwit	NL	NL	High Priority (4) in the Prairie Pothole (BCR11) Shorebird Plan.
<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	NL	NL	Partners in Flight Continental Watchlist.
<i>Melospiza georgiana</i>	Swamp Sparrow	NL	NL	High Partners in Flight Priority (PIF 2A) in the Prairie Hardwood Transition plan (BCR 23). Partners in Flight shows rangewide declines and also a continental stewardship species.
<i>Numenius phaeopus</i>	Whimbrel	NL	NL	High Priority (4) in all Bird Conservation Regions of Shorebird Plans.
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron	NL	NL	Med to high priority in Waterbird plans.
<i>Oporornis agilis</i>	Connecticut Warbler	NL	NL	Highest Partners in Flight Priority (PIF 1) in the Boreal Hardwood Transition plan (BCR12).
<i>Pelecanus erythrorhynchos</i>	American White Pelican	SPC	NL	MN Special Concern.
<i>Phalaropus tricolor</i>	Wilson's Phalarope	THR	NL	MN Threatened, High Priority (4) in all Bird Conservation Regions (BCRs) of Shorebird Plans.
<i>Pheucticus ludovicianus</i>	Rose-breasted Grosbeak	NL	NL	High Partners in Flight Priority (PIF 2A) in the Boreal Hardwood Transition plan (BCR12) and also significant regional declines indicated in NRRI Forest Bird monitoring.
<i>Picoides arcticus</i>	Black-backed Woodpecker	NL	NL	High Partners in Flight Priority (PIF 2C) in the Boreal Hardwood Transition plan (BCR12). Range more extensive in MN than N 3-toed woodpecker and also has high regional threats (habitat needs of large burned areas).
<i>Pluvialis dominica</i>	American Golden-plover	NL	NL	High Priority (4) in the Prairie Pothole (BCR11) Shorebird Plan.
<i>Podiceps auritus</i>	Horned Grebe	THR	NL	MN Threatened. Moderate concern in several Bird Conservation Regions (BCRs) of Waterbird Plans.
<i>Podiceps grisegena</i>	Red-necked Grebe	NL	NL	High and medium priority in Waterbird Plans, uncommon, wetland habitat declining. Threatened in WI.
<i>Podiceps nigricollis</i>	Eared Grebe	NL	NL	Moderate concern in the Prairie Pothole (BCR 11) Waterbird plan.
<i>Poecile hudsonica</i>	Boreal Chickadee	NL	NL	Suggested addition by feedback team. Sharp continental population decline (PIF=5), threatened habitat.
<i>Protonotaria citrea</i>	Prothonotary Warbler	NL	NL	Partners in Flight Continental Watchlist.
<i>Rallus elegans</i>	King Rail	END	NL	MN Endangered.
<i>Rallus limicola</i>	Virginia Rail	NL	NL	Moderate concern in the Prairie Pothole (BCR 11) Waterbird plan.
<i>Recurvirostra americana</i>	American Avocet	NL	NL	High Priority (4) in the Prairie Pothole (BCR11) Shorebird Plan.
<i>Scolopax minor</i>	American Woodcock	NL	NL	High Priority (4) in all Bird Conservation Regions of Shorebird Plans.
<i>Seiurus aurocapillus</i>	Ovenbird	NL	NL	Suggested addition by feedback team. While does not meet PIF priority (2B), the NRRI Forest Bird monitoring shows highly sig. regional declines. Also vulnerable habitat (forest interior).

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Birds				
Seiurus motacilla	Louisiana Waterthrush	SPC	NL	MN Special Concern.
Speotyto cunicularia	Burrowing Owl	END	NL	MN Endangered.
Sphyrapicus varius	Yellow-bellied Sapsucker	NL	NL	High Partners in Flight Priority (PIF 2A) in the Boreal Hardwood Transition plan (BCR12). Also significant regional declines in NRRI Forest Bird Monitoring.
Spiza americana	Dickcissel	NL	NL	Partners in Flight Continental Watchlist.
Spizella pusilla	Field Sparrow	NL	NL	Highest Partners in Flight Priority (PIF 1) in several Bird Conservation Regions (BCRs). Significant population declines.
Stelgidopteryx serripennis	Northern Rough-winged Swallow	NL	NL	High Partners in Flight Priority (PIF 2) in several Bird Conservation Regions (BCRs).
Sterna forsteri	Forster's Tern	SPC	NL	MN Special Concern.
Sterna hirundo	Common Tern	THR	NL	MN Threatened, High priority in all Bird Conservation Regions (BCRs) of Waterbird plans.
Sturnella magna	Eastern Meadowlark	NL	NL	Id'd on USFWS reg. 3 concern list. Suggested addition. Precipitous continental population decline, habitat imperiled.
Toxostoma rufum	Brown Thrasher	NL	NL	Highest Partners in Flight Priority (PIF 2A) in several Bird Conservation Regions (BCRs).
Tringa melanoleuca	Greater Yellowlegs	NL	NL	High Priority (4) in several Bird Conservation Regions of Shorebird Plans.
Troglodytes troglodytes	Winter Wren	NL	NL	Suggested addition by feedback team. Highly significant population declines in NRRI Forest Bird Monitoring.
Tryngites subruficollis	Buff-breasted Sandpiper	NL	NL	High priority (4) in all Bird Conservation Regions of Shorebird Plans.
Tympanuchus cupido	Greater Prairie-chicken	SPC	NL	MN Special Concern.
Tympanuchus phasianellus	Sharp-tailed Grouse	NL	NL	Populations well below the range of natural variation in Minnesota. Historically was the dominant prairie Galliform.
Vermivora chrysoptera	Golden-winged Warbler	NL	NL	Partners in Flight Continental Watchlist.
Vermivora pinus	Blue-winged Warbler	NL	NL	Partners in Flight Continental Watchlist.
Vireo bellii	Bell's Vireo	NL	NL	Partners in Flight Continental Watchlist, Tracked in MN heritage database.
Wilsonia canadensis	Canada Warbler	NL	NL	Partners in Flight Continental Watchlist.
Wilsonia citrina	Hooded Warbler	SPC	NL	MN Special Concern.
Zonotrichia albicollis	White-throated Sparrow	NL	NL	Suggested addition. Highly significant regional population declines in NRRI Forest Bird Monitoring.
Reptiles				
Apalone mutica	Smooth Softshell	SPC	NL	MN Special Concern.
Chelydra serpentina	Common Snapping Turtle	SPC	NL	MN Special Concern.
Clemmys insculpta	Wood Turtle	THR	NL	MN Threatened.
Cnemidophorus sexlineatus	Six-lined Racerunner	NL	NL	Restricted to bluff prairie habitats and are uncommon even in appropriate habitats.
Coluber constrictor	Eastern Racer	SPC	NL	MN Special Concern.
Crotalus horridus	Timber Rattlesnake	THR	NL	MN Threatened.
Elaphe obsoleta	Eastern Rat Snake	SPC	NL	MN Special Concern.
Elaphe vulpina	Eastern Fox Snake	NL	NL	Tracked in MN heritage database.
Emydoidea blandingii	Blanding's Turtle	THR	NL	MN Threatened.
Eumeces fasciatus	Five-lined Skink	SPC	NL	MN Special Concern.
Heterodon nasicus	Western Hognose Snake	SPC	NL	MN Special Concern.
Heterodon platirhinos	Eastern Hognose Snake	NL	NL	Tracked in MN heritage database.
Lampropeltis triangulum	Milk Snake	NL	NL	Tracked in MN heritage database - vulnerable habitat - rock outcrops and hibernacula.
Liochlorophis vernalis	Smooth Green Snake	NL	NL	Suggested by herp subgroup, declines noted in adj. States, MN population and distribution info lacking.
Pituophis catenifer	Gopher Snake	SPC	NL	MN Special Concern.

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Reptiles				
Sistrurus catenatus	Eastern Massasauga	END	CAND	Candidate Federal ESA, MN Endangered.
Tropidoclonion lineatum	Lined Snake	SPC	NL	MN Special Concern.
Amphibians				
Acris crepitans	Northern Cricket Frog	END	NL	MN Endangered.
Ambystoma maculatum	Spotted Salamander	NL	NL	Tracked in MN heritage database.
Hemidactylium scutatum	Four-toed Salamander	SPC	NL	MN Special Concern.
Necturus maculosus	Common Mudpuppy	NL	NL	Suggested by aquatics group, host to threatened salamander mussel. Commercially exploited by biological supply companies that are hard to monitor; also vulnerable to the lampricide TFM.
Plethodon cinereus	Eastern Red-backed Salamander	NL	NL	Suggested by herp subgroup, info and status needed given loss of habitat.
Rana palustris	Pickereel Frog	NL	NL	Tracked in MN heritage database. Natural range is in MN, uses cold water streams, a vulnerable habitat.
Fishes				
Acipenser fulvescens	Lake Sturgeon	SPC	NL	MN Special Concern, generally recovering in historic drainages.
Alosa chrysochloris	Skipjack Herring	SPC	NL	MN Special Concern, absent for decades, but has been reported sporadically since 1986.
Ammocrypta asprella	Crystal Darter	SPC	NL	MN Special Concern, difficult to sample and assess.
Ammocrypta clara	Western Sand Darter	NL	NL	Preferred habitats rarely sampled.
Anguilla Rostrata	American Eel	NL	NL	catadromis, difficult to sample and assess, special concern in WI.
Aphredoderus sayanus	Pirate Perch	SPC	NL	MN Special Concern, preferred habitats rarely sampled.
Campostoma oligolepis	Largescale Stoneroller	NL	NL	secure in St. Croix and lower Mississippi drainages, rare in Minnesota drainage.
Clinostomus elongatus	Redside Dace	NL	NL	Reduced distribution, special concern in WI, extirpated in IA.
Coregonus hoyi	Bloater	NL	NL	Classified as Vulnerable in the IUCN Red List. Commercial species in Lake Superior, taxonomy of genus suspect.
Coregonus kiyi	Kiyi	SPC	NL	MN Special Concern, reported occasionally along North Shore of Lake Superior, taxonomy of genus suspect.
Coregonus nipigon	Nipigon cisco	NL	NL	Known distribution restricted to Saganaga Lake in far NE Minnesota/southern Ontario.
Coregonus zenithicus	Shortjaw Cisco	SPC	NL	MN Special Concern, reported rarely along North Shore of Lake Superior, and recently, in two inland lakes, taxonomy of genus suspect.
Cottus ricei	Spoonhead sculpin	NL	NL	Restricted to L. Superior and one inland lake.
Couesius plumbeus	Lake Chub	NL	NL	Secure in Lake Superior, reduced distribution in inland lakes and streams.
Cycleptus elongatus	Blue Sucker	SPC	NL	MN Special Concern, recovering and expanding range into Minnesota River.
Cyprinella lutrensis	Red Shiner	NL	NL	Restricted to Missouri drainage, far less common than federally endangered Topeka shiner.
Erimystax x-punctata	Gravel Chub	SPC	NL	MN Special Concern, restricted to Root and Upper and Iowa Rivers.
Etheostoma asprigene	Mud Darter	NL	NL	Secure in lower Mississippi River, rare in St. Croix River, special concern in WI.
Etheostoma chlorosoma	Bluntnose Darter	NL	NL	Tracked in MN heritage database, two collections since 1997, previously assumed extirpated.
Etheostoma microperca	Least Darter	SPC	NL	MN Special Concern, recently found at several new localities, possibly due to more effective sampling methods.
Fundulus sciadicus	Plains Topminnow	SPC	NL	MN Special Concern, restricted to Missouri drainage, far less common than federally endangered Topeka shiner.
Hybognathus nuchalis	Mississippi Silvery Minnow	NL	NL	Reduced distribution possibly due to reservoirs, similar decline reported in TVA reservoirs.
Ichthyomyzon fossor	Northern Brook Lamprey	SPC	NL	MN Special Concern, secure in Lake of the Woods drainage, one population remains in Lake Superior drainage while others possibly extirpated by lampricide used to control sea lampreys, rare in Zumbro and Upper Iowa Rivers.
Ichthyomyzon gagei	Southern Brook Lamprey	SPC	NL	MN Special Concern, restricted to, but secure, in the St. Croix drainage.
Ictiobus niger	Black Buffalo	SPC	NL	MN Special Concern, rarely reported, but recently has expanded range into Minnesota River.

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Fishes				
Lampetra appendix	American Brook Lamprey	NL	NL	Tracked in MN heritage database, recently found at three localities in Minnesota River drainage where it had been absent for decades, secure in the lower Mississippi drainage.
Lepomis gulosus	Warmouth	NL	NL	Restricted to Mississippi River in SE MN, one introduced population in Lake of the Woods drainage.
Lepomis megalotis	Longear Sunfish	NL	NL	Very spotty distribution, Threatened in WI.
Lythrurus umbratilis	Redfin Shiner	NL	NL	Reduced distribution, Threatened in WI.
Macrhybopsis aestivalis	speckled chub	NL	NL	Secure in MN and lower Miss rivers, found in St.Croix in 2004, threatened in WI.
Morone mississippiensis	Yellow Bass	SPC	NL	MN Special Concern, restricted distribution.
Moxostoma carinatum	River Redhorse	NL	NL	Secure in St. Croix and lower Mississippi Rivers, extirpated in Minnesota Rivers, threatened in WI.
Moxostoma duquesnei	Black Redhorse	NL	NL	Tracked in MN heritage database, restricted to the Zumbro, Root, and Upper Iowa Rivers.
Moxostoma valenciennesi	Greater Redhorse	NL	NL	Secure in upper Mississippi and St. Croix drainages, extirpated in Lake of the Woods drainage, threatened in WI.
Myoxocephalus thompsoni	Deepwater Sculpin	NL	NL	Restricted to Lake Superior and one inland lake.
Notropis amnis	Pallid Shiner	SPC	NL	MN Special Concern.
Notropis anogenus	Pugnose Shiner	SPC	NL	MN Special Concern, difficult to identify in field.
Notropis nubilus	Ozark Minnow	SPC	NL	MN Special Concern, restricted to the Zumbro, Root, and Cedar Rivers.
Notropis topeka	Topeka Shiner	SPC	END	Federally Endangered, historically occurred in the Mississippi River drainage in SE Minnesota south of St. Anthony falls.
Noturus exilis	Slender Madtom	SPC	NL	MN Special Concern, restricted to one stream.
Opsopoeodus emiliae	Pugnose Minnow	NL	NL	Exhibits wide fluctuation in abundance.
Percina evides	Gilt Darter	SPC	NL	MN Special Concern, restricted to, but secure, in the St. Croix drainage.
Phenacobius mirabilis	Suckermouth Minnow	NL	NL	Reduced distribution.
Platygobio gracilis	flathead chub	NL	NL	One collection from Red River of the North, additional occurrences in southern Manitoba.
Polyodon spathula	Paddlefish	THR	NL	MN Threatened, generally recovering in historic drainages.
Prosopium coulteri	pygmy whitefish	NL	NL	Disjunct population, difficult to sample and assess, Special Concern in WI.
Scaphirhynchus platyrhynchus	Shovelnose Sturgeon	NL	NL	Tracked in MN heritage database, rapidly recovering.

Spiders

Habronattus texanus	A Jumping Spider	SPC	NL	MN Special Concern.
Marpissa grata	A Jumping Spider	SPC	NL	MN Special Concern.
Metaphidippus arizonensis	A Jumping Spider	SPC	NL	MN Special Concern.
Paradamoetas fontana	A Jumping Spider	SPC	NL	MN Special Concern.
Phidippus apacheanus	A Jumping Spider	SPC	NL	MN Special Concern.
Phidippus pius	A Jumping Spider	SPC	NL	MN Special Concern.
Sassacus papenhoei	A Jumping Spider	SPC	NL	MN Special Concern.
Tutelina formicaria	A Jumping Spider	SPC	NL	MN Special Concern.

Insects

Aflexia rubranura	Red Tailed Prairie Leafhopper	SPC	NL	MN Special Concern.
Agapetus tomus	A Caddisfly	SPC	NL	MN Special Concern.
Allocapnia illinoensis	A Stonefly	NL	NL	Heritage global ranked (G3).
Asynarchus rossi	A Caddisfly	SPC	NL	MN Special Concern.
Atrytone arogos	Arogos Skipper	SPC	NL	MN Special Concern.

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Insects				
Ceraclaea brevis	A Caddisfly	SPC	NL	MN Special Concern.
Ceraclaea vertreesi	Vertrees's Ceraclean Caddisfly	SPC	NL	MN Special Concern.
Chilostigma itascae	Headwater Chilostigman Caddisfly	END	NL	MN Endangered.
Cicindela denikei	A Tiger Beetle	THR	NL	MN Threatened.
Cicindela fulgida fulgida	A Tiger Beetle	END	NL	MN Endangered.
Cicindela fulgida westbournei	A Tiger Beetle	THR	NL	MN Threatened.
Cicindela hirticollis rhodensis	A Tiger Beetle	SPC	NL	MN Special Concern.
Cicindela lepida	Little White Tiger Beetle	THR	NL	MN Threatened.
Cicindela limbata nympha	A Tiger Beetle	END	NL	MN Endangered.
Cicindela macra macra	A Tiger Beetle	SPC	NL	MN Special Concern.
Cicindela patruela patruela	A Tiger Beetle	SPC	NL	MN Special Concern.
Cicindela splendida cyanocephalata	A Tiger Beetle	SPC	NL	MN Special Concern.
Epidemia epixanthe michiganensis	Bog Copper	NL	NL	Tracked in MN heritage database.
Erebia disa mancinus	Disa Alpine	SPC	NL	MN Special Concern.
Erynnis persius	Persius Duskywing	END	NL	MN Endangered.
Euphyes bimacula illinois	Two-spotted Skipper	NL	NL	Tracked in MN heritage database.
Gomphus crassus	Handsome Clubtail	NL	NL	Heritage global ranked (G3).
Gomphus notatus	Elusive Clubtail	NL	NL	Possibly remove - not on MN dragonfly checklist. Heritage global ranked (G3).
Gomphus ventricosus	Sillet Clubtail	NL	NL	Heritage global ranked (G3).
Gomphus viridifrons	Green-faced Clubtail	NL	NL	Heritage global ranked (G3).
Hesperia comma assiniboia	Assiniboia Skipper	END	NL	MN Endangered.
Hesperia dacotae	Dakota Skipper	THR	CAND	MN Threatened. Federal candidate for listing under the ESA.
Hesperia leonardus leonardus	Leonard's Skipper	SPC	NL	MN Special Concern.
Hesperia leonardus pawnee	Pawnee Skipper	SPC	NL	MN Special Concern.
Hesperia ottoe	Ottoe Skipper	THR	NL	MN Threatened.
Hesperia uncas	Uncas Skipper	END	NL	MN Endangered.
Hydroptila metoeca	A Caddisfly	SPC	NL	MN Special Concern.
Hydroptila novicola	A Caddisfly	SPC	NL	MN Special Concern.
Hydroptila tortosa	A Caddisfly	SPC	NL	MN Special Concern.
Hygrotus sylvanus	Sylvan Hygrotus Diving Beetle	NL	NL	Heritage global ranked (G1).
Isogenoides olivaceus	A Perlid Stonefly	NL	NL	Heritage global ranked (G3).
Isogenoides varians	A Stonefly	NL	NL	Heritage global ranked (G3).
Lycaeides idas nabokovi	Nabokov's Blue	SPC	NL	MN Special Concern.
Lycaeides melissa samuelis	Karner Blue	END	END	Federally Endangered, MN Endangered.
Oarisma garita	Garita Skipper	THR	NL	MN Threatened.
Oarisma powesheik	Powesheik Skipper	SPC	NL	MN Special Concern.
Oeneis macounii	Macoun's Arctic	NL	NL	Tracked in MN heritage database.
Oeneis uhleri varuna	Uhler's Arctic	END	NL	MN Endangered.

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Insects				
Ophiogomphus anomalis	Extra-striped Snaketail	SPC	NL	MN Special Concern.
Ophiogomphus howei	Pygmy Snaketail	NL	NL	Heritage global ranked (G3).
Ophiogomphus susbehcha	St. Croix Snaketail	SPC	NL	MN Special Concern.
Oxyethira ecomuta	A Caddisfly	SPC	NL	MN Special Concern.
Oxyethira itascae	A Caddisfly	SPC	NL	MN Special Concern.
Papaipema beeriana	Blazing Star Stem Borer	NL	NL	Heritage global ranked (G3).
Phyciodes batesii	Tawny Crescent	NL	NL	Tracked in MN heritage database.
Polycentropus milaca	A Caddisfly	SPC	NL	MN Special Concern.
Protophila talola	A Caddisfly	SPC	NL	MN Special Concern.
Pyrgus centaureae freija	Grizzled Skipper	SPC	NL	MN Special Concern.
Schinia indiana	Phlox Moth	SPC	NL	MN Special Concern.
Setodes guttatus	A Caddisfly	SPC	NL	MN Special Concern.
Speyeria idalia	Regal Fritillary	SPC	NL	MN Special Concern.
Mollusks				
Acella haldemani	Spindle Lymnaea	NL	NL	Heritage global ranked (G3), state occurrence uncertain, landsnail.
Actinonaias ligamentina	Mucket mussel	THR	NL	MN Threatened.
Alasmidonta marginata	Elktoe	THR	NL	MN Threatened.
Arcidens confragosus	Rock Pocketbook	END	NL	MN Endangered.
Campeloma spp.			NL	Suggested by aquatics expert group. A genus of aquatic snails, little is known, indications of decline.
Cumberlandia monodonta	Spectaclecase	THR	CAND	MN Threatened, Federal candidate.
Cyclonaias tuberculata	Purple Wartyback	THR	NL	MN Threatened.
Ellipsaria lineolata	Butterfly	THR	NL	MN Threatened.
Elliptio crassidens	Elephant-ear	END	NL	MN Endangered.
Elliptio dilatata	Spike	SPC	NL	MN Special Concern.
Epioblasma triquetra	Snuffbox	THR	NL	MN Threatened.
Fusconaia ebena	Ebonyshell	END	NL	MN Endangered.
Lampsilis higginsii	Higgins Eye	END	END	MN Endangered, Federally Endangered.
Lampsilis teres	Yellow Sandshell	END	NL	MN Endangered.
Lasmigona compressa	Creek Heelsplitter	SPC	NL	MN Special Concern.
Lasmigona costata	Fluted-shell	SPC	NL	MN Special Concern.
Ligumia recta	Black Sandshell	SPC	NL	MN Special Concern.
Megaloniaias nervosa	Washboard	THR	NL	MN Threatened.
Novasuccinea n. sp. minnesota a	Minnesota Pleistocene Ambersnail	THR	NL	MN Threatened.
Novasuccinea n. sp. minnesota b	Iowa Pleistocene Ambersnail	END	NL	MN Endangered.
Obovaria olivaria	Hickorynut	SPC	NL	MN Special Concern.
Planorbella corpulenta	Corpulent Rams-horn	NL	NL	Heritage global ranked (G2).
Plethobasus cyphus	Sheepnose	END	CAND	MN Endangered, Federal Candidate.
Pleurobema coccineum	Round Pigtoe	THR	NL	MN Threatened.

Scientific Name	Common Name	State Status	Fed. Status	Rationale
Mollusks				
Pleurocera acuta	Sharp hornsnail	NL	NL	Suggested by aquatics expert group. Population appears to have greatly declined from early 70's surveys.
Quadrula fragosa	Winged Mapleleaf	END	END	MN Endangered, Federally Endangered.
Quadrula metanevra	Monkeyface	THR	NL	MN Threatened.
Quadrula nodulata	Wartyback	END	NL	MN Endangered.
Simpsonaias ambigua	Salamander Mussel	THR	NL	MN Threatened.
Tritogonia verrucosa	Pistolgrip	THR	NL	MN Threatened.
Truncilla donaciformis	Fawnsfoot	NL	NL	Observed to be greatly diminished in numbers in the Mississippi and St Croix Rivers since the 1970s
Venustaconcha ellipsiformis	Ellipse	THR	NL	MN Threatened.
Vertigo bollesiana	Delicate Vertigo	NL	NL	Heritage global ranked (G3). Landsnail, found in southern Beltrami and Clearwater counties (Nekola 2002).
Vertigo brierensis	Briarton Pleistocene Snail	NL	NL	Heritage global ranked (G1), Globally, 2 occurrences from Iowa, range possibly extends into MN.
Vertigo hubrichti	Hubricht's Vertigo	NL	NL	Heritage global ranked (G2). Taxonomy uncertain.
Vertigo hubrichti hubrichti	Midwest Pleistocene Vertigo	END	NL	MN Endangered.
Vertigo hubrichti variabilis n. subsp.	Variable Pleistocene Vertigo	THR	NL	MN Threatened.
Vertigo meramecensis	Bluff Vertigo	THR	NL	MN Threatened.
Vertigo occulta		NL	NL	Heritage global ranked (G2). Taxonomy uncertain.

Status codes:

Fed. Status = Federal status on Endangered Species List
END = Endangered
THR = Threatened
SPC = Special Concern
CAND = Candidate species for listing
NL = Not listed