

**MN River Valley Master Plan Rare Species--January 2017**

Common Name	Scientific Name	Species Class	Listing Status	General Habitat Type
Mudpuppy	<i>Necturus maculosus</i>	Amphibian	SPC; SGCN	Freshwater lakes, rivers, streams, and ponds
Hair-like Beak-rush	<i>Rhynchospora capillacea</i>	Aquatic Plant	THR	Calcareous fens; spring fens
Three Stamened Waterwort	<i>Elatine triandra</i>	Aquatic Plant	SPC	Shorelines of lakes, ponds, and slow moving streams
Water-hyssop	<i>Bacopa rotundifolia</i>	Aquatic Plant	THR	Small rainwater pools on bedrock outcrops in western Minnesota
American Bittern	<i>Botaurus lentiginosus</i>	Bird	NL, SGCN	Marshes/wetlands
American White Pelican	<i>Pelecanus erythrorhynchos</i>	Bird	SPC, SGCN	Large, shallow bodies of water
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Bird	Bald Eagle and Golden Eagle Protection Act (Federal)	Ares with dense or scattered trees and wet areas
Black Tern	<i>Chlidonias niger</i>	Bird	NL, SGCN	Marshes/wetlands
Bobolink	<i>Dolichonyx oryzivorus</i>	Bird	NL, SGCN	Tallgrass and mixed prairies, hayfields, and meadows
Dickcissel	<i>Spiza americana</i>	Bird	NL, SGCN	Grasslands, hayfields, and lightly grazed pastures and roadsides
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	Bird	NL, SGCN	Forest edges; overgrown fields, thickets, and woodlands
Field Sparrow	<i>Spizella pusilla</i>	Bird	NL, SGCN	Open or scrub habitats with low perches
Forster's Tern	<i>Sterna forsteri</i>	Bird	SPC, SGCN	Marsh complexes
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	Bird	NL, SGCN	Open grasslands and prairies with patches of bare ground
Henslow's Sparrow	<i>Ammodramus henslowii</i>	Bird	END, SGCN	Grasslands and uncultivated old fields with stalks for perching
Lark Sparrow	<i>Chondestes grammacus</i>	Bird	SPC, SGCN	Open habitats with brushy or partially wooded edges (savanna-grassland complex); Grasslands
Loggerhead Shrike	<i>Lanius ludovicianus</i>	Bird	END, SGCN	Upland grasslands--both high and low quality
Northern Harrier	<i>Circus cyaneus</i>	Bird	NL, SGCN	Large, undisturbed tracts of wetlands and grasslands with low, thick vegetation
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	Bird	NL, SGCN	Breeding: Open woodlands with dead or dying trees; Winter: Mature forests with oak, oak-hickory, maple, ash, and beech
Red-shouldered Hawk	<i>Buteo lineatus</i>	Bird	SPC, SGCN	Large tracts of mature, deciduous forest with wetland openings
Upland Sandpiper	<i>Bartramia longicauda</i>	Bird	NL, SGCN	Native prairie and open grasslands
Wood Thrush	<i>Hylocichla mustelina</i>	Bird	NL, SGCN	Mature deciduous and mixed forests
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	Bird	NL, SGCN	Shrublands or wood habitat with dense cover and water nearby
Yellow-headed Blackbird	<i>Xanthocephalus xanthocephalus</i>	Bird	NL, SGCN	Breeding: Prairie wetlands, shallow marshes, ponds, and rivers
Black Buffalo	<i>Ictiobus niger</i>	Fish	THR, SGCN	Sloughs, impoundments, and both fast- and slow-flowing portions of rivers
Blue Sucker	<i>Cycleptus elongatus</i>	Fish	SPC, SGCN	Deep, swift water in pools and channels of large rivers with sand, gravel, or rubble bottoms
Paddlefish	<i>Polyodon spathula</i>	Fish	THR; SGCN	Open waters of large rivers and river lakes (e.g., Lake Pepin, Lake St. Croix; Upper Mississippi River drainage)

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Shovelnose Sturgeon	Scaphirhynchus platyrhynchus	Fish	Watch List	Large, freshwater rivers with deep channel areas; Minnesota & Mississippi Rivers in MN
Fold (Archean)	Fold (archean)	Geologic Feature		
Fossil Plant (Quaternary)	Fossil plant (quaternary)	Geologic Feature		
Igneous Composition (Lower Proterozoic)	Igneous composition (lower proterozoic)	Geologic Feature		
Igneous Intrusion (Lower Proterozoic)	Igneous intrusion (lower proterozoic)	Geologic Feature		
Igneous Structure (Archean)	Igneous structure (archean)	Geologic Feature		
Igneous Texture (Archean)	Igneous texture (archean)	Geologic Feature		
Igneous Unit or Sequence (Lower Proterozoic)	Igneous unit or sequence (lower proterozoic)	Geologic Feature		
Metamorphic Composition (Archean)	Metamorphic composition (archean)	Geologic Feature		
Metamorphic Structure (Archean)	Metamorphic structure (archean)	Geologic Feature		
Metamorphic Unit or Sequence (Archean)	Metamorphic unit or sequence (archean)	Geologic Feature		
Mixed Unit or Sequence (Archean)	Mixed unit or sequence (archean)	Geologic Feature		
Proglacial River Erosion (Quaternary)	Proglacial river erosion (quaternary)	Geologic Feature		
Quaternary)	quaternary)	Geologic Feature		
Weathering (Jurassic, Cretaceous)	Weathering (jurassic, cretaceous)	Geologic Feature		
Mussel Sampling Site	Freshwater Mussel Concentration Area	Grouping of a variety of mussel species in one suitable habitat area		
Iowa Skipper	Atrytone arogos iowa	Insect	SPC; SGCN	Mesic to dry-mesic prairie
Ottoe Skipper	Hesperia ottoe	Insect	END; SGCN	Dry-mesic to dry prairie
Regal Fritillary	Speyeria idalia	Insect	SPC; SGCN	Upland and wet prairie
Lichen	Buellia nigra	Lichen	SPC	Non-calcareous rock in exposed sunny areas; SW Minnesota
Western Harvest Mouse	Reithrodontomys megalotis	Mammal	SPC; SGCN	Grasslands, meadows, and marshes
Black Sandshell	Ligumia recta	Mussel	SPC; SGCN	Riffles and runs of medium to large rivers with sand or gravel substrates
Creek Heelsplitter	Lasmigona compressa	Mussel	SPC; SGCN	or mud substrates
Elktoe	Alasmidonta marginata	Mussel	THR; SGCN	Medium to large rivers with sand and gravel substrates
Fluted Shell	Lasmigona costata	Mussel	THR; SGCN	Medium to large rivers dominated by gravel substrates
Hickorynut	Obovaria olivaria	Mussel	NL; SGCN	Large rivers with sand and gravel substrates
Monkeyface	Quadrula metanevra	Mussel	THR; SGCN	observations in the Mississippi river in MN
Mucket	Actinonaias ligamentina	Mussel	THR; SGCN	Medium to large rivers with sand and gravel substrates
Rock Pocketbook	Arcidens confragosus	Mussel	END; SGCN	Medium to large rivers
Round Pigtoe	Pleurobema sintoxia	Mussel	SPC; SGCN	Medium to large rivers with sand, gravel, or mud substrates

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Spike	Elliptio dilatata	Mussel	THR; SGCN	Small to large rivers; Reservoirs and lakes
Wartyback	Quadrula nodulata	Mussel	THR; SGCN	Large rivers with fine and coarse substrates; Minnesota and Mississippi rivers in MN
Common Five-lined Skink	Plestiodon fasciatus	Reptile	SPC; SGCN	Granite outcrops in the MN River Valley; OR in exposed limestone and sandstone outcrops and bluff prairies in E MN
Gopher Snake	Pituophis catenifer	Reptile	SPC; SGCN	Dry sand prairies or bluff prairies
Western Fox Snake	Pantherophis ramspotti	Reptile	Watch List	Woodland and woodland edges, prairies, lowland meadows, and rocky outcroppings near rivers
American Ginseng	Panax quinquefolius	Terrestrial Plant	SPC	Well-developed forest soil, typically mesic loamy ; Does not tolerate habitats with seasonal flooding
Few-flowered Spikerush	Eleocharis quinqueflora	Terrestrial Plant	SPC	Sparsely vegetated wet habitats found in graminoid fens, shorelines of ponds and small lakes, and occasionally in wet prairie openings
Hairy Fimbristylis	Fimbristylis puberula var. interior	Terrestrial Plant	END	Calcareous fens
Kitten-tails	Besseyia bullii	Terrestrial Plant	THR	Oak Savannas; dry prairies and oak woodlands; In MN restricted to the bluffs and erraces of the St. Croix, Mississippi, and Minnesota River Valleys
Missouri Milk-vetch	Astragalus missouriensis var. missouriensis	Terrestrial Plant	SPC	Dry prairie; Hill prairie
Nuttall's Povertyweed	Monolepis nuttalliana	Terrestrial Plant	Watch List	Disturbed, open habitats
Oregon Woodsia	Woodsia oregana ssp. cathcartiana	Terrestrial Plant	SPC	Found on moist, shaded (occasionally exposed) basaltic or, less commonly, dolomite cliffs with rocky soils
Plains Prickly Pear	Opuntia macrorhiza	Terrestrial Plant	SPC	Rock outcrops and dry prairies
Prairie Bush Clover	Lespedeza leptostachya	Terrestrial Plant	THR; Fed THR	Mesic to dry-mesic prairie; Bluff prairies
Small White Lady's-slipper	Cypripedium candidum	Terrestrial Plant	SPC	Calcareous seeps, wet prairie
Sullivant's Milkweed	Asclepias sullivantii	Terrestrial Plant	THR	Mesic tallgrass prairies
Tumblegrass	Schedonnardus paniculatus	Terrestrial Plant	SPC	Southern bedrock outcrops
Twig-rush	Cladium mariscoides	Terrestrial Plant	SPC	Fens: prairie rich, northern rich, and calcareous are preferred fen types
Whorled Nut-rush	Scleria verticillata	Terrestrial Plant	THR	Calcareous fens
Wolf's Spikerush	Eleocharis wolfii	Terrestrial Plant	END	Margins of bedrock pools and shallow wetlands
Honeylocust	Gleditsia triacanthos	Tree	Watch list	Mississippi or Missouri River bottoms in far SE Minnesota (historically only recorded in Houston Co.)
Kentucky Coffee Tree	Gymnocladus dioica	Tree	SPC	Rich mesic woodlands, bottomland woodlands, and riverbanks
Red Three-awn	Aristida purpurea var. longiseta		SPC	

END-State Endangered, THR- State Threatened, SPC-State Special Concern, NL-Non-Listed species, SGCN-Species in Greatest Conservation Need, Watchlist-vulnerable species

<sup>1</sup>-These data are not based on an exhaustive inventory of the state. The lack of data for any geographic area shall not be construed to mean that no significant features are present.