

# Natural Communities and Rare, Declining, and Extirpated Species of Nebraska: Natural Heritage Conservation Status Ranks and Tracking Status



Nebraska Natural Heritage Program  
Nebraska Game and Parks Commission



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The Nebraska Natural Heritage Program (NENHP) maintains information on the condition and location of “at-risk” species within the state. At-risk species are defined as those that are rare or declining in Nebraska, unique to Nebraska, or declining globally. NENHP also tracks the condition of the various types of natural plant communities in the state, both rare and common. Conservation of these communities serves as a “coarse filter” to help conserve the majority of species and prevent their decline to at-risk status. All at-risk species and natural communities are considered a valuable state resource worthy of efforts to ensure their continued existence in Nebraska.

The list below shows the Natural Heritage conservation status ranks of at-risk species and natural communities (together ‘elements of biodiversity’ or ‘elements’) in the state. The rank is a relative measure of the element’s level of imperilment. Natural Heritage conservation status ranks are assigned using a standardized methodology developed by the network of Natural Heritage Programs (NHPs) and NatureServe. This system is used by the network to identify rare and imperiled species and natural communities, at both a global and state scale. NatureServe has the primary responsibility for developing global ranks. State ranks in Nebraska are developed by NENHP staff in collaboration with outside experts.

These ranks are used to prioritize efforts including on-the-ground conservation work, research, and data collection. NENHP maintains certain information on the known locations of many of these elements in a database. Decisions about what information is maintained are based on available resources and the value of the information for conservation. The list below shows NENHP’s ‘tracking status’ for each element.

This list is updated periodically. Corrections and suggestions are welcome.

## LIST CONTENT AND FORMAT

The list includes all elements which are identified as at-risk of extirpation in Nebraska or which are already extirpated. The list is in the following order: Mammals, Birds, Reptiles, Amphibians, Fish, Freshwater Mussels, Snails, Crustaceans, Mayflies, Stoneflies, Dragonflies and Damselflies, Flies, Bees and Wasps, Butterflies, Moths, Beetles, Other Arthropods, Plants, Wetland/Aquatic Communities, and Upland/Terrestrial Communities.

The following information is presented for each element on the list: Global Natural Heritage Conservation Status Rank, State Natural Heritage Conservation Status Rank, Natural Legacy Plan Status, State Status, Federal Endangered Species Act Status, and NENHP Tracking Status. Further explanation of these terms appears in the Appendix.

<u>Scientific Name</u>	<u>Common Name</u>	<u>Grank</u>	<u>Srank</u>	<u>Legacy</u>	<u>State</u>	<u>Federal</u>	<u>Tracking Status</u>
<b><u>Mammals</u></b>							
Bos bison	Bison	G4	SX				Not Tracked
Canis lupus	Gray Wolf	G5	SX		E	E	Watchlist
Corynorhinus townsendii	Townsend's Big-eared Bat	G4	S1	Tier 2			Full
Cynomys ludovicianus	Black-tailed Prairie Dog	G4	S3	Tier 2			Full
Dasyus novemcinctus	Nine-banded Armadillo	G5	SNA				Watchlist

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<i>Felis concolor</i>	Mountain Lion	G5	S1	Tier 2			Watchlist
<i>Glaucomys volans</i>	Southern Flying Squirrel	G5	S1	Tier 1	T		Full
<i>Gulo gulo</i>	Wolverine	G4	SX				Not Tracked
<i>Lasionycteris noctivagans</i>	Silver-haired Bat	G3G4	S3	Tier 1			Full
<i>Lasiurus borealis</i>	Eastern Red Bat	G3G4	S3	Tier 1			Full
<i>Lasiurus cinereus</i>	Hoary Bat	G3G4	S3	Tier 1			Full
<i>Lepus townsendii</i>	White-tailed Jackrabbit	G5	S3	Tier 2	NC		Full
<i>Microtus pinetorum</i>	Woodland Vole	G5	S1	Tier 2			Full
<i>Mustela frenata</i>	Long-tailed Weasel	G5	S2	Tier 2			Full
<i>Mustela nigripes</i>	Black-footed Ferret	G1	SH		E	E	Not Tracked
<i>Myotis lucifugus</i>	Little Brown Myotis	G3G4	SNR	Tier 1			Full
<i>Myotis lucifugus carissima</i>	Little Brown Myotis subspecies carissima	G3G4TNR	S3				Not Tracked
<i>Myotis lucifugus lucifugus</i>	Little Brown Myotis subspecies lucifugus	G3G4TNR	S2	Tier 1			Not Tracked
<i>Myotis septentrionalis</i>	Northern Long-eared Myotis	G2G3	S1S2	Tier 1	T	T	Full
<i>Myotis thysanodes pahasapensis</i>	Fringed Myotis	G4T3	S1	Tier 1			Full
<i>Myotis volans</i>	Long-legged Myotis	G4G5	S1	Tier 2			Full
<i>Neotoma cinerea</i>	Bushy-tailed Woodrat	G5	S3	Tier 2			Full
<i>Neotoma floridana baileyi</i>	Bailey's Eastern Woodrat	G5T3	S4	Tier 1			Full
<i>Ovis canadensis</i>	Rocky Mountain Bighorn Sheep	G4	S2	Tier 1			Watchlist
<i>Perimyotis subflavus</i>	Tricolored Bat	G3G4	S3	Tier 1			Full
<i>Perognathus fasciatus</i>	Olive-backed Pocket Mouse	G5	S1	Tier 2			Full
<i>Perognathus flavescens perniger</i>	Plains Pocket Mouse	G5TNR	SNR	Tier 1			Full
<i>Perognathus flavus</i>	Silky Pocket Mouse	G5	S1	Tier 2			Full
<i>Sciurus carolinensis</i>	Eastern Gray Squirrel	G5	S3	Tier 2			Full
<i>Sorex merriami</i>	Merriam's Shrew	G4	S1	Tier 2			Full
<i>Sorex nanus</i>	Dwarf Shrew	G4	S1	Tier 2			Full
<i>Spermophilus elegans</i>	Wyoming Ground Squirrel	G5	SH				Full
<i>Spilogale putorius</i>	Eastern Spotted Skunk	G4	S1	Tier 1			Full
<i>Tamias minimus</i>	Least Chipmunk	G5	S1	Tier 2			Full
<i>Tamias striatus</i>	Eastern Chipmunk	G5	S1	Tier 2			Full
<i>Thomomys talpoides cheyennensis</i>	Cheyenne Northern Pocket Gopher	G5T3T4	S2S3	Tier 1			Full
<i>Thomomys talpoides pierreicolus</i>	Pierre Northern Pocket Gopher	G5TNR	S2S3	Tier 1			Full
<i>Ursus americanus</i>	Black Bear	G5	SX				Not Tracked
<i>Ursus arctos</i>	Grizzly or Brown Bear	G4	SX				Not Tracked
<i>Vulpes velox</i>	Swift Fox	G3	S2	Tier 1	E		Full

## **Birds**

<i>Aechmophorus clarkii</i>	Clark's Grebe	G5	S2	Tier 2			Partial: Confirmed breeding
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<i>Aechmophorus occidentalis</i>	Western Grebe	G5	S3	Tier 2			Partial: Confirmed breeding
<i>Aegolius acadicus</i>	Northern Saw-whet Owl	G5	S3	Tier 2			Partial: Confirmed breeding
<i>Aeronautes saxatalis</i>	White-throated Swift	G5	S3	Tier 2			Partial: Confirmed breeding
<i>Ammodramus bairdii</i>	Baird's Sparrow	G4	SNRN	Tier 1			Partial: Stopover sites confirmed to be used repeatedly
<i>Ammodramus henslowii</i>	Henslow's Sparrow	G4	S1	Tier 1			Partial: Confirmed breeding
<i>Anas acuta</i>	Northern Pintail	G5	S3	Tier 2			Partial: Confirmed breeding
<i>Anas americana</i>	American Wigeon	G5	S2	Tier 2			Partial: Confirmed breeding
<i>Anas cyanoptera</i>	Cinnamon Teal	G5	S1S2	Tier 2			Partial: Confirmed breeding
<i>Anthus spragueii</i>	Sprague's Pipit	G3G4	SNRN	Tier 1			Partial: Stopover sites confirmed to be used repeatedly
<i>Aquila chrysaetos</i>	Golden Eagle	G5	S3	Tier 2			Partial: Occupied and unoccupied nests
<i>Archilochus colubris</i>	Ruby-throated Hummingbird	G5	S3	Tier 2			Partial: Confirmed breeding
<i>Asio flammeus</i>	Short-eared Owl	G5	S2	Tier 1			Partial: Confirmed breeding
<i>Athene cunicularia</i>	Burrowing Owl	G4	S2	Tier 1			Partial: Confirmed breeding
<i>Aythya affinis</i>	Lesser Scaup	G5	S3	Tier 2			Partial: Confirmed breeding
<i>Aythya valisineria</i>	Canvasback	G5	S3	Tier 2			Partial: Confirmed breeding
<i>Baeolophus bicolor</i>	Tufted Titmouse	G5	S3	Tier 2			Partial: Confirmed breeding
<i>Bonasa umbellus</i>	Ruffed Grouse	G5	SX				Not Tracked

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Buteo lineatus	Red-shouldered Hawk	G5	S1	Tier 2			Partial: Confirmed breeding
Buteo regalis	Ferruginous Hawk	G4	S2	Tier 1			Partial: Confirmed breeding
Calcarius ornatus	Chestnut-collared Longspur	G5	S3	Tier 1			Partial: Confirmed breeding
Calidris subruficollis	Buff-breasted Sandpiper	G4	S2N	Tier 1			Full
Caprimulgus carolinensis	Chuck-will's-widow	G5	S3	Tier 2			Partial: Confirmed breeding
Caprimulgus vociferus	Whip-poor-will	G5	S3	Tier 2			Partial: Confirmed breeding
Centrocercus urophasianus	Sage Grouse	G3G4	SX				Not Tracked
Certhia americana	Brown Creeper	G5	S2	Tier 2			Partial: Confirmed breeding
Charadrius melodus	Piping Plover	G3	S2	Tier 1	T	T	Partial: Confirmed breeding
Charadrius montanus	Mountain Plover	G3	S2B	Tier 1	T		Partial: Confirmed breeding
Charadrius nivosus	Snowy Plover	G3	S1B	Tier 2			Partial: Confirmed breeding
Chlidonias niger	Black Tern	G4G5	S1	Tier 1			Partial: Confirmed breeding
Cistothorus palustris	Marsh Wren	G5	S3	Tier 2			Partial: Confirmed breeding
Coccyzus americanus	Yellow-billed Cuckoo	G5	S3	Tier 2			Partial: Confirmed breeding
Coccyzus erythrophthalmus	Black-billed Cuckoo	G5	S3	Tier 1			Partial: Confirmed breeding
Conuropsis carolinensis	Carolina Parakeet	GX	SX				Not Tracked
Cygnus buccinator	Trumpeter Swan	G4	S2	Tier 2			Partial: Confirmed breeding, over-winterin g, and migratory stopover sites of Central Flyway population
Dryocopus pileatus	Pileated Woodpecker	G5	S1	Tier 2			Partial: Confirmed breeding
Ectopistes migratorius	Passenger Pigeon	GX	SX				Not Tracked

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Empidonax occidentalis	Cordilleran Flycatcher	G5	S1	Tier 2			Partial: Confirmed breeding
Empidonax virescens	Acadian Flycatcher	G5	S2?	Tier 2			Partial: Confirmed breeding
Falco columbarius	Merlin	G5	S1	Tier 2			Partial: Confirmed breeding
Falco mexicanus	Prairie Falcon	G5	S2	Tier 2			Partial: Confirmed breeding
Falco peregrinus	Peregrine Falcon	G4	S1	Tier 2			Partial: Confirmed breeding at naturally occurring sites
Gallinula galeata	Common Moorhen	G5	SNA				Watchlist
Geothlypis formosa	Kentucky Warbler	G5	S3	Tier 2			Partial: Confirmed breeding
Grus americana	Whooping Crane	G1	S1	Tier 1	E	E	Watchlist: Observation data maintained by USFWS
Grus canadensis	Sandhill Crane	G5	S3	Tier 2			Partial: Confirmed breeding
Gymnorhinus cyanocephalus	Pinyon Jay	G3	S3	Tier 1			Partial: Confirmed breeding
Haliaeetus leucocephalus	Bald Eagle	G5	S3	Tier 2			Partial: Occupied and unoccupied nests; winter roosts used repeatedly by large groups
Himantopus mexicanus	Black-necked Stilt	G5	S3	Tier 2			Partial: Confirmed breeding
Hylocichla mustelina	Wood Thrush	G4	S3	Tier 1			Partial: Confirmed breeding
Icteria virens virens		G5T5	SX				Not Tracked
Icterus bullockii	Bullock's Oriole	G5	S3B	Tier 2			Partial: Confirmed breeding
Ictinia mississippiensis	Mississippi Kite	G5	S1B	Tier 2			Partial: Confirmed breeding
Junco hyemalis aikeni	Dark-eyed (White-winged) Junco	G5T4	S3	Tier 2			Partial: Confirmed breeding

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Lanius ludovicianus	Loggerhead Shrike	G4	S3	Tier 1			Partial: Confirmed breeding
Laterallus jamaicensis jamaicensis	Eastern Black Rail	G3TNR	S1	Tier 1 Provisional	T	T	Partial: Confirmed observations during breeding season
Melanerpes lewis	Lewis's Woodpecker	G4	S1	Tier 2			Partial: Confirmed breeding
Melospiza georgiana	Swamp Sparrow	G5	S3	Tier 2			Partial: Confirmed breeding
Mniotilta varia	Black-and-white Warbler	G5	S3	Tier 2			Partial: Confirmed breeding
Myadestes townsendi	Townsend's Solitaire	G5	S2	Tier 2			Partial: Confirmed breeding
Numenius americanus	Long-billed Curlew	G5	S3	Tier 1			Partial: Confirmed breeding
Nycticorax nycticorax	Black-crowned Night-heron	G5	S3	Tier 2			Partial: Confirmed breeding
Oreoscoptes montanus	Sage Thrasher	G4	S1B				Partial: Confirmed breeding
Parkesia motacilla	Louisiana Waterthrush	G5	S1	Tier 2			Partial: Confirmed breeding
Passerculus sandwichensis	Savannah Sparrow	G5	S3	Tier 2			Partial: Confirmed breeding
Peucaea cassinii	Cassin's Sparrow	G5	S3	Tier 2			Partial: Confirmed breeding
Pica hudsonia	Black-billed Magpie	G5	S2	Tier 1			Partial: Confirmed breeding
Piranga rubra	Summer Tanager	G5	S3S4	Tier 2			Partial: Confirmed breeding
Podilymbus podiceps	PIED-BILLED GREBE	G5	S3	Tier 2			Partial: Confirmed breeding
Protonotaria citrea	Prothonotary Warbler	G5	S2	Tier 2			Partial: Confirmed breeding
Rallus elegans	King Rail	G4	S1	Tier 2			Partial: Confirmed breeding
Recurvirostra americana	American Avocet	G5	S3	Tier 2			Partial: Confirmed breeding

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Rhynchophanes mccownii	Thick-billed Longspur	G4	S3	Tier 1	T		Partial: Confirmed breeding
Scolopax minor	American Woodcock	G5	S3	Tier 2			Partial: Confirmed breeding
Setophaga dominica	Yellow-throated Warbler	G5	S1B	Tier 2			Partial: Confirmed breeding
Sitta pygmaea	Pygmy Nuthatch	G5	S3	Tier 2			Partial: Confirmed breeding
Spinus pinus	Pine Siskin	G5	S3	Tier 2			Partial: Confirmed breeding
Spizella breweri	Brewer's Sparrow	G5	S1	Tier 1			Partial: Confirmed breeding
Sterna forsteri	Forster's Tern	G5	S2	Tier 2			Partial: Confirmed breeding
Sternula antillarum athalassos	Interior Least Tern	G4T3Q	S2	Tier 1	E		Partial: Confirmed breeding Watchlist
Sturnella magna	Eastern Meadowlark	G5	S3	Tier 2			Partial: Confirmed breeding Watchlist
Tachycineta thalassina	Violet-green Swallow	G5	S3	Tier 2			Partial: Confirmed breeding Watchlist
Tympanuchus cupido	Greater Prairie-chicken	G4	S3S4	Tier 2			Not Tracked
Tympanuchus pallidicinctus	Lesser Prairie-chicken	G3	SX				Not Tracked
Tyrannus forficatus	Scissor-tailed Flycatcher	G5	S3	Tier 2			Partial: Confirmed breeding
Tyrannus vociferans	Cassin's Kingbird	G5	S3	Tier 2			Partial: Confirmed breeding
Tyto alba	Barn Owl	G5	S3	Tier 2			Partial: Confirmed breeding
Vireo flavifrons	Yellow-throated Vireo	G5	S3	Tier 2			Partial: Confirmed breeding
Vireo plumbeus	Plumbeous Vireo	G5	S2	Tier 2			Partial: Confirmed breeding

## **Reptiles**

Agkistrodon contortrix	Copperhead	G5	S2	Tier 2	NC		Full
Apalone mutica	Smooth Softshell Turtle	G5	S2	Tier 2	NC		Full
Arizona elegans	Glossy Snake	G5	S1	Tier 1	NC		Full
Carphophis vermis	Worm Snake	G5	S2	Tier 2	NC		Full
Crotalus horridus	Timber Rattlesnake	G4	S1	Tier 1	T		Full
Emydoidea blandingii	Blanding's Turtle	G4	S4	Tier 1	NC		Full
Eumeces fasciatus	Five-lined Skink	G5	S1	Tier 2	NC		Full

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Heterodon platirhinos	Eastern Hognose Snake	G5	S3	Tier 2	NC		Full
Lampropeltis calligaster	Prairie Kingsnake	G5	S2	Tier 2	NC		Full
Lampropeltis holbrooki	Speckled Kingsnake	G5	S1	Tier 2	NC		Full
Liochlorophis vernalis	Smooth Green Snake	G5	S1	Tier 2	NC		Full
Ophisaurus attenuatus	Slender Glass Lizard	G5	S1	Tier 2	NC		Full
Pantherophis ramspotti	Fox Snake	G5	S2	Tier 2	NC		Full
Phrynosoma hernandesi	Mountain Short-horned Lizard	G5	S3	Tier 2	NC		Full
Regina grahamii	Graham's Crayfish Snake	G5	S2	Tier 2	NC		Full
Sceloporus graciosus	Sagebrush Lizard	G5	S1	Tier 1	NC		Full
Sistrurus tergeminus	Western Massasauga	G3G4	S1	Tier 1	T		Full
Storeria dekayi	Brown Snake	G5	S3	Tier 2	NC		Watchlist
Storeria occipitomaculata	Redbelly Snake	G5	S2	Tier 1	NC		Full
Tantilla nigriceps	Plains Blackhead Snake	G5	S1	Tier 2	NC		Full
Thamnophis elegans	Western Terrestrial Garter Snake	G5	S1	Tier 2	NC		Full
Thamnophis proximus	Western Ribbon Snake	G5	S2	Tier 2	NC		Full
Trachemys scripta	Red-eared Slider	G5	S1	Tier 2	NC		Full

## **Amphibians**

Acris blanchardi	Northern Cricket Frog	G5	S3	Tier 2	NC		Full
Ambystoma texanum	Smallmouth Salamander	G5	S1	Tier 2	NC		Full
Anaxyrus americanus	American Toad	G5	S1	Tier 2	NC		Full
Gastrophryne olivacea	Great Plains Narrowmouth Toad	G5	S2	Tier 2	NC		Full
Lithobates pipiens	Northern Leopard Frog	G5	S3	Tier 2	NC		Full

## **Fish**

Acipenser fulvescens	Lake Sturgeon	G3G4	S1	Tier 1	T		Full
Alosa chrysochloris	Skipjack Herring	G5	SNR	Tier 2			Full
Anguilla rostrata	American Eel	G4	SNR	Tier 2			Full
Carpionides velifer	Highfin Carpsucker	G4G5	SX				Not Tracked
Catostomus catostomus	Longnose Sucker	G5	S2	Tier 2			Full
Catostomus platyrhynchus	Mountain Sucker	G5	SX				Not Tracked
Chrosomus eos	Northern Redbelly Dace	G5	S2	Tier 1	T		Full
Chrosomus eos x Chrosomus neogaeus	Northern Redbelly Dace X Finescale Dace	GNA	SNA				Full
Chrosomus neogaeus	Finescale Dace	G5	S2	Tier 1	T		Full
Couesius plumbeus	Lake Chub	G5	SH				Full
Cycleptus elongatus	Blue Sucker	G3G4	S1	Tier 1			Full
Fundulus sciadicus	Plains Topminnow	G4	S3	Tier 1			Full
Hybognathus argyritus	Western Silvery Minnow	G4	S2	Tier 1			Full
Hybognathus placitus	Plains Minnow	G4	S2	Tier 1			Full
Ictiobus niger	Black Buffalo	G5	S2	Tier 2			Full
Lota lota	Burbot	G5	S1	Tier 2			Full
Luxilus cornutus	Common Shiner	G5	S2	Tier 2			Full



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Macrhybopsis gelida	Sturgeon Chub	G3	S1	Tier 1	E		Full
Macrhybopsis hyostoma	Shoal Chub	G5	S3	Tier 2			Full
Macrhybopsis meeki	Sicklefin Chub	G3	S1	Tier 1			Full
Macrhybopsis storeriana	Silver Chub	G5	S2	Tier 2			Full
Margariscus nachtriebi	Pearl Dace	G5	S2	Tier 2			Full
Nocomis biguttatus	Hornyhead Chub	G5	SX				Not Tracked
Notropis heterolepis	Blacknose Shiner	G5	S1	Tier 1	E		Full
Notropis topeka	Topeka Shiner	G3	S1	Tier 1	E	E	Full
Noturus gyrinus	Tadpole Madtom	G5	S3	Tier 2			Full
Percina maculata	Blackside Darter	G5	SX				Not Tracked
Pimephales notatus	Bluntnose Minnow	G5	S3	Tier 2			Full
Platygobio gracilis	Flathead Chub	G5	S2	Tier 1			Full
Polyodon spathula	Paddlefish	G4	S2	Tier 2			Full
Rhinichthys obtusus	Western Blacknose Dace	G5	S2	Tier 2			Full
Scaphirhynchus albus	Pallid Sturgeon	G2	S1	Tier 1	E	E	Full

## **Freshwater Mussels**

Actinonaias ligamentina		G5	SX				Not Tracked
Amblema plicata	Threeridge	G5	S1	Tier 2			Full
Anodonta suborbiculata	Flat Floater	G5	S1	Tier 1			Full
Cyclonaias pustulosa	Pimpleback	G5	S2	Tier 1			Full
Fusconaia flava	Wabash Pigtoe	G5	SH				Full
Lampsilis cardium	Plain Pocketbook	G5	S2	Tier 1			Full
Lampsilis siliquoidea	Fatmucket	G5	S1	Tier 2			Full
Lampsilis teres	Yellow Sandshell	G5	S1	Tier 2			Full
Lasmigona compressa	Creek Heelsplitter	G5	SH				Full
Leptodea leptodon	Scaleshell Mussel	G1G2	S1	Tier 1	E	E	Full
Ligumia recta	Black Sandshell	G4G5	SH				Full
Ligumia subrostrata	Pondmussel	G5	S1	Tier 2			Full
Obovaria olivaria	A Mollusk	G4	SH				Full
Pleurobema clava	Clubshell	G1G2	SX				Not Tracked
Pleurobema pyramidatum	Pyramid Pigtoe	G2G3	SNR				Watchlist
Potamilus purpuratus	Bleufer	G5	SX				Not Tracked
Quadrula cylindrica	Rabbitsfoot	G3G4	SNR				Watchlist
Tritogonia verrucosa	Pistolgrip	G4G5	S1	Tier 1			Full

## **Snails**

Carychium exiguum	Obese Thorn	G5	SX				Not Tracked
Columella columella	Mellow Column	G5	SX				Not Tracked
Columella columella alticola		G5T5	SX				Not Tracked
Discus shimekii	Striate Disc	G5	SX				Not Tracked
Discus whitneyi	Forest Disc	G5	SX				Not Tracked
Euconulus fulvus	Brown Hive	G5	SX				Not Tracked
Fossaria cockerelli	Oxbow Snail	G3G4Q	S1	Tier 1			Full

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Fossaria techella	A Freshwater Snail	G4G5Q	SNR		Tier 2		Full
Gastrocopta pellucida	Slim Snaggletooth	G5	SX				Not Tracked
Gastrocopta ruidosensis	Ruidoso Snaggletooth	G1	SX				Not Tracked
Hawaiia minuscula	Minute Gem	G5	SX				Not Tracked
Helicodiscus parallelus	Compound Coil	G5	SX				Not Tracked
Helicodiscus singleyanus	Smooth Coil	G5	SX				Not Tracked
Hendersonia occulta	Cherrystone Drop	G4	SX				Not Tracked
Nesovitrea binneyana	Blue Glass	G5	SH				Full
Nesovitrea electrina	Amber Glass	G5	SX				Not Tracked
Oxyloma haydeni	Niobrara Ambersnail	G3	SNR		Tier 1		Full
Punctum minutissimum	Small Spot	G5	SX				Not Tracked
Pupilla blandii	Rocky Mountain Column	G4G5	SX				Not Tracked
Pupilla muscorum	Widespread Column	G5	SX				Not Tracked
Pupoides inornatus	Rocky Mountain Dagger	G2	SH				Full
Striatura milium	Fine-ribbed Striate	G5	SX				Not Tracked
Strobilops labyrinthicus	Maze Pinecone	G5	SX				Not Tracked
Vallonia gracilicosta	Multirib Vallonia	G5	SH				Full
Vallonia perspectiva	Thin-lip Vallonia	G4G5	SX				Not Tracked
Vallonia pulchella	Lovely Vallonia	G5	SX				Not Tracked
Vertigo arthuri	Hubricht's Vertigo	G5	SH				Full
Vertigo modesta	Cross Vertigo	G5	SX				Not Tracked
Vertigo tridentata	Honey Vertigo	G5	SX				Not Tracked
Vertigo ventricosa	Tapered Vertigo	G5	SX				Not Tracked
Webbhelix chadwicki	Kaw Whitelip Snail	G1Q	SNR				Full

### **Crustaceans**

Branchinecta potassa	Potassium-loving Fairy Shrimp	G2	S2		Tier 1		Full
Eubbranchipus ornatus	Ornate Fairy Shrimp	G3	SNR		Tier 1		Full
Lacunicambarus diogenes	Devil Crawfish	G5	S3?				Watchlist

### **Mayflies**

Apobaetis lakota	Lakota Mayfly	G2G3	SNR		Tier 1		Full
Brachycercus nasutus	Long-nosed Mayfly	G3G4	S1		Tier 1		Full
Cercobrachys fox	Fox Mayfly	G3G4	SNR		Tier 1		Full
Cercobrachys winnebago	Winnebago Mayfly	G3G4	S1		Tier 1		Full
Paraleptophlebia gregalis	A Mayfly	G3G4	S1		Tier 2		Full

### **Stoneflies**

Perlesta golconda	Two-lined Stonefly	G2G3	SNR		Tier 1		Full
Perlesta xube	Pawnee Stonefly	G2	S2?		Tier 1		Full

### **Dragonflies & Damselflies**

Gomphus notatus	Elusive Clubtail	G3	SNR		Tier 2		Full
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<u>Scientific Name</u>	<u>Common Name</u>	<u>Grank</u>	<u>Srank</u>	<u>Legacy</u>	<u>State</u>	<u>Federal</u>	<u>Tracking Status</u>
Ischnura barberi	Desert Forktail	G4	S1	Tier 2			Full

## **Flies**

Eristalis brousii	Hourglass Drone Fly	G3G4	S1	Tier 1			Full
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## **Bees and Wasps**

Bombus (Bombus) terricola	Yellowbanded Bumble Bee	G3G4	SNR				Full
Bombus (Thoracobombus) pensylvanicus	American Bumble Bee	G3G4	SNR				Full
Bombus fraternus	Southern Plains Bumble Bee	G2G4	SNR	Tier 1			Full
Bombus occidentalis occidentalis	Western Bumble Bee	G3	SNR	Tier 1			Full
Bombus suckleyi	Suckley's Cuckoo Bumble Bee	G2G3	SNR	Tier 1			Full
Bombus variabilis	Variable Cuckoo Bumble Bee	G1G2	S1	Tier 2			Full
Megachile deflexa		G2	SH				
Osmia brevis		G5	SH				
Osmia bruneri		G4G5	SH				

## **Butterflies**

Achalarus lyciades	Hoary Edge	G5	S1	Tier 2			Full
Amblyscirtes nysa	Mottled Little Skipper	G5	S1	Tier 2			Full
Amblyscirtes oslari	Oslar's Roadside Skipper	G4	S2	Tier 2			Full
Amblyscirtes simius	Orange Roadside Skipper	G3	S1	Tier 2			Full
Anthocharis midea	Falcate Orangetip	G4G5	SH				Full
Argynnis aphrodite	Aphrodite Fritillary	G5	S3	Tier 2			Full
Argynnis atlantis	Atlantis Fritillary	G5	SH				Full
Argynnis callippe	Callippe Fritillary	G5	S1	Tier 2			Full
Argynnis coronis	Coronis Fritillary	G5	S3	Tier 2			Full
Argynnis idalia	Regal Fritillary	G3?	S3	Tier 1			Watchlist
Argynnis mormonia	Mormon Fritillary	G5	S1	Tier 2			Full
Argynnis zerene	Zerene Fritillary	G5	S1S2	Tier 2			Full
Asterocampa clyton	Tawny Emperor	G5	S3	Tier 2			Full
Atrytone arogos iowa	Iowa Skipper	G2G3T2T3	S1	Tier 1			Full
Atrytonopsis hianna	Dusted Skipper	G4G5	S3	Tier 2			Full
Boloria bellona	Meadow Fritillary	G5	SH				Full
Boloria selene	Silver-bordered Fritillary	G5	S2	Tier 1			Full
Boloria selene nebraskensis	Nebraska Fritillary	G5T3T4	SNR	Tier 1			Full
Boloria selene sabulocollis	Kohler's Fritillary	G5T3	S1S2	Tier 1			Full
Callophrys affinis homoperplexa	Western Green Hairstreak	G5TNR	S1S2	Tier 2			Full
Cercyonis meadii	Mead's Wood Nymph	G5	S1	Tier 2			Full
Cercyonis oetus	Small Wood Nymph	G5	S1	Tier 2			Full

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Chlosyne acastus	Acastus Checkerspot	G4G5	S1	Tier 2			Full
Chlosyne nycteis	Silvery Checkerspot	G5	S3	Tier 2			Full
Coenonympha californica	Large Heath	G5	S2	Tier 2			Full
Colias alexandra	Queen Alexandra's Sulphur	G5	S3	Tier 2			Full
Colias cesonia	Dogface	G5	S3	Tier 2			Full
Danaus plexippus	Monarch	G4	S2	Tier 1			Watchlist
Enodia anthedon	Northern Pearlyeye	G5	S3	Tier 2			Full
Erynnis afranius	Afranius Duskywing	G5	S2	Tier 2			Full
Erynnis baptisiae	Wild Indigo Duskywing	G5	S3	Tier 2			Full
Erynnis brizo	Sleepy Duskywing	G5	S2	Tier 2			Full
Erynnis horatius	Horace's Duskywing	G5	S3	Tier 2			Full
Erynnis juvenalis	Juvenal's Duskywing	G5	S3	Tier 2			Full
Erynnis martialis	Mottled Duskywing	G3	S2	Tier 1			Full
Erynnis persius	Persius Duskywing	G5	SH				Full
Euchloe ausonides	Creamy Marblewing	G5	S1	Tier 2			Full
Euphilotes ancilla	Dotted Blue	G5	S1	Tier 2			Full
Euphilotes rita coloradensis	Colorado Rita Dotted Blue	G3G4T3	S1	Tier 1			Full
Euphydryas anicia	Anicia Checkerspot	G5	S3	Tier 2			Full
Euphyes bimacula illinois	Two-spotted Skipper	G4T1T2	S3	Tier 1			Full
Euphyes conspicua buchholzi	Bucholz Black Dash	G4G5T1	S1	Tier 1			Full
Euphyes dion	Dion Skipper	G5	S2	Tier 2			Full
Euphyes vestris	Dun Skipper	G5	S3	Tier 2			Full
Eurytides marcellus	Zebra Swallowtail	G5	S3	Tier 2			Full
Everes amyntula	Western Tailed Blue	G5	S1	Tier 2			Full
Feniseca tarquinius	Harvester	G5	S2	Tier 2			Full
Glaucopsyche lygdamus	Silvery Blue	G5	S3	Tier 2			Full
Glaucopsyche piasus	Arrowhead Blue	G5	S1				Full
Hesperia attalus	Dotted Skipper	G3G4	SH				Full
Hesperia colorado	Common Branded Skipper	G5	S3	Tier 2			Full
Hesperia metea	Cobweb Skipper	G4	S1	Tier 2			Full
Hesperia ottoe	Ottoe Skipper	G3	S2	Tier 1			Full
Hesperia pahaska	Pahaska Skipper	G5	S2	Tier 2			Full
Hesperia uncas	Uncas Skipper	G4G5	S2	Tier 2			Full
Hesperia viridis	Green Skipper	G5	S1	Tier 2			Full
Icaricia shasta	Shasta Blue	G5	S2	Tier 2			Full
Incisalia henrici	Henry's Elfin	G5	S2	Tier 2			Full
Lethe eurydice fumosus	Smoky-eyed Brown	G5T3T4	S3	Tier 1			Full
Limenitis weidemeyerii	Weidemeyer's Admiral	G5	S3	Tier 2			Full
Lycaena helloides	Purplish Copper	G5	S3	Tier 2			Full
Lycaena phlaeas	American Copper	G5	S1S2	Tier 2			Full
Lycaena rubida	Ruddy Copper	G5	S3	Tier 2			Full
Megathymus streckeri	Strecker's Giant Skipper	G5	S3	Tier 2			Full
Megathymus yuccae coloradensis	Yucca Skipper	G5T5	S3S4	Tier 2			Full
Mitoura grynea	Olive Hairstreak	G5	S3	Tier 2			Full

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Neominois ridingsii	Riding's Satyr	G5	S2	Tier 2			Full
Neophasia menapia	Pine White	G5	S2	Tier 2			Full
Nymphalis milberti	Milbert's Tortoiseshell	G5	S3	Tier 2			Full
Nymphalis vaualbum	Compton Tortoiseshell	G5	SH				Full
Oarisma garita	Garita Skipperling	G5	S2	Tier 2			Full
Oeneis uhleri	Uhler's Arctic	G5	S2S3	Tier 2			Full
Papilio bairdii	Western Black Swallowtail	G5T5	S3	Tier 2			Full
Papilio indra	Indra Swallowtail	G5?	S1S2	Tier 2			Full
Papilio zelicaon	Anise Swallowtail	G5	S3	Tier 2			Full
Parnassius smintheus	Phoebus' Parnassian	G5	S1	Tier 2			Full
Phyciodes batesii	Tawny Crescent	G5	S1	Tier 1			Full
Phyciodes cocyta	Northern Crescent	G5	S1S2	Tier 2			Full
Phyciodes mylitta	Mylitta Crescent	G5	S1	Tier 2			Full
Phyciodes pallidus	Pallid Crescentspot	G5	S1	Tier 2			Full
Phyciodes pictus	Painted Crescentspot	G5	S2	Tier 2			Full
Phyciodes pratensis	Field Crescentspot	G5	S1	Tier 2			Full
Plebejus saepiolus	Greenish Blue	G5	S1	Tier 2			Full
Poanes hobomok	Hobomok Skipper	G5	S3S4	Tier 2			Full
Poanes massasoit	Mulberry Wing	G4	SNR	Tier 2			Full
Poanes taxiles	Taxiles Skipper	G5	S2S3	Tier 2			Full
Poanes viator viator	Broad-winged Skipper	G5T4	S2	Tier 2			Full
Poanes zabulon	Zabulon Skipper	G5	S2	Tier 2			Full
Poladryas arachne	Beardtongue Checkerspot	G5	S1	Tier 2			Full
Polites mystic	Long Dash	G5	S3	Tier 2			Full
Polites origenes	Crossline Skipper	G5?	S3	Tier 2			Full
Polites origenes rhenae	Rhenae Skipper	G5?T3	SNR				Full
Polites rhesus	Plains Gray Skipper	G4	S2	Tier 2			Full
Polygonia progne	Gray Comma	G5	S3	Tier 2			Full
Pompeius verna	Little Glassywing	G5	S2S3	Tier 2			Full
Pontia occidentalis	Western White	G5	S2	Tier 2			Full
Pontia sisymbrii	Spring White	G5	S3	Tier 2			Full
Problema byssus kumskaka	Byssus Skipper	G4TNR	S1	Tier 1			Full
Pyrgus scriptura	Small Checkered Skipper	G5	SH				Full
Satyrium calanus	Banded Hairstreak	G5	S2S3	Tier 2			Full
Satyrium caryaevorum	Hickory Hairstreak	G4	S1S2	Tier 2			Full
Satyrium edwardsii	Edwards' Hairstreak	G4	SH				Full
Satyrium liparops	Striped Hairstreak	G5	S2	Tier 2			Full
Satyrium titus	Coral Hairstreak	G5	S3	Tier 2			Full
Satyroides eurydice	Eyed Brown	G5	S3				Full
Staphylus hayhurstii	Scalloped Sootywing	G5	S3	Tier 2			Full
Thessalia fulvia	Fulvia Checkerspot	G4	S2S3	Tier 2			Full
Thorybes bathyllus	Southern Cloudywing	G5	S2	Tier 2			Full
Wallengrenia egeremet	Northern Broken Dash	G5	S3	Tier 2			Full

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<b><u>Moths</u></b>							
Catocala agrippina	Agrippina Underwing	G5	S1	Tier 2			Full
Catocala aholibah	Aholibah Underwing	G5	S1	Tier 2			Full
Catocala angusi	Angus' Underwing	G4	SNR	Tier 2			Full
Catocala clintonii	Clinton's Underwing	G4	SNR	Tier 2			Full
Catocala habilis	Habilis Underwing	G5	S1	Tier 2			Full
Catocala hermia	Hermia's Underwing Moth	G5	SNR	Tier 2			Full
Catocala luctuosa	Yellow-grey Underwing	G4	S1	Tier 2			Full
Catocala nuptialis	Married Underwing	G3	SNR	Tier 1			Full
Catocala obscura	Obscure Underwing	G5	S1	Tier 2			Full
Catocala residua	Residua Underwing	G5	S1	Tier 2			Full
Catocala robinsonii	Robinson's Underwing	G4	S1	Tier 2			Full
Catocala serena	Serene Underwing	G5	S1	Tier 2			Full
Catocala ulalume	Ulalume Underwing	G4	S1	Tier 2			Full
Catocala vidua	Widow Underwing	G5	S1	Tier 2			Full
Catocala whitneyi	Whitney Underwing	G2G3	S1	Tier 1			Full
Hemileuca hera	Sagebrush Buck Moth	G5	S1	Tier 2			Full
Proserpinus juanita	Juanita Sphinx	G4G5	SNR	Tier 2			Full
				Provisional			

## **Beetles**

Adalia bipunctata	Two-spotted Ladybeetle	G5	SNR				Watchlist
Amblycheila cylindriformis	Great Plains Giant Tiger Beetle	G4G5	S1	Tier 2			Full
Cicindela celeripes	A Tiger Beetle	G2G4	SNR				Full
Cicindela decemnotata	Badlands Tiger Beetle	G4G5	SNR	Tier 2			Full
Cicindela limbata limbata	Sandy Tiger Beetle	G5T3T4	S4	Tier 1			Full
Cicindela nebraskana	Prairie Long-lipped Tiger Beetle	G5	S1	Tier 2			Full
Cicindela nevadica knausii	Nevada Tiger Beetle	G5T5	S2	Tier 2			Full
Cicindela nevadica lincolniana	Salt Creek Tiger Beetle	G5T1	S1	Tier 1	E	E	Full
Cicindela pulchra	Beautiful Tiger Beetle	G4	S1	Tier 2			Full
Cicindela terricola cinctipennis	Variable Tiger Beetle	G5T5	S1	Tier 2			Full
Cicindela togata	White-cloaked Tiger Beetle	G5	S1	Tier 2			Full
Coccinella novemnotata	Nine-spotted Ladybird Beetle	G5	S1	Tier 1			Full
Coccinella prolongata	Prolongate Lady Beetle	GNR	SNR	Tier 2			Full
Coccinella transversoguttata	Transverse Lady Beetle	G5	SNR	Tier 2			Full
				Provisional			
Dromochorus pruininus	Frosted Dromo Tiger Beetle	GNR	SNR				Full
Ellipsoptera lepida	Ghost Tiger Beetle	G3G4	S2	Tier 1			Full
Hippodamia apicalis	Apical Lady Beetle	GNR	SNR	Tier 2			Full
				Provisional			

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Hippodamia expurgata	Expurgate Lady Beetle	GNR	SNR	Tier 2 Provisional			Full
Nicrophorus americanus	American Burying Beetle	G3	S3?	Tier 1	E	T	Full
Rhyssalus neglectus	A Scarab	GNR	S1	Tier 2			Full

### **Other Arthropods**

Ambrysus mormon	Creeping Water Bug	GNR	S2	Tier 2			Full
Boopedon auriventris	a grasshopper	G4G5	S1				Full
Bruneria brunnea	Brunner's Grasshopper	G5	SNR	Tier 2 Provisional			Full
Chlorochroa belfragii	Belfragi's Stink Bug	GNR	SH				Full
Encoptolophus subgracilis	A Grasshopper	G5	S1	Tier 2			Full
Ironoquia plattensis	Platte River Caddisfly	G1G2	S1S2	Tier 1			Full
Melanoplus borealis	Northern Spur-throat Grasshopper	G5	SNR	Tier 2 Provisional			Full
Melanoplus punctulatus	Grizzly Spur-throat Grasshopper	G5	S1	Tier 2			Full
Paratylotropidia brunneri	A Woodland Grasshopper	G4G5	S1	Tier 2			Full
Spharagemon bolli	Boll's Grasshopper	G5	SNR	Tier 2 Provisional			Full
Trimerotropis cincta	Masked Grasshopper	G5	SNR	Tier 2 Provisional			Full
Trimerotropis salina	Salt Creek Grasshopper	G5	S2?	Tier 2			Full
Trimerotropis saxatilis	Lichen Grasshopper	G3	S1	Tier 1			Full
Trimerotropis sparsa	Great Basin Grasshopper	G5	SNR	Tier 2 Provisional			Full

### **Plants**

Acer glabrum	Rocky Mountain maple	G5	S3				Full
Acorus americanus	American Sweetflag	G5	S2	Tier 2			Full
Actaea pachypoda	White Baneberry	G5	S1	Tier 2			Full
Aesculus glabra var. arguta	Ohio Buckeye	G5T4?Q	S1S2	Tier 2			Full
Agalinis gattingeri	Roundstem Agalinis	G4	S1S3	Tier 2			Full
Agalinis purpurea	Smooth False Foxglove	G5	S1S3	Tier 2			Full
Agastache foeniculum	Lavender Giant-hyssop	G5	S1	Tier 2			Full
Agastache scrophulariifolia	Purple Giant-hyssop	G4	S1	Tier 2			Full
Agoseris glauca var. glauca	Pale False-dandelion	G5T5	S1				Full
Agrimonia parviflora	Southern Agrimony	G5	S2S4				Full
Agrostis exarata var. minor	Spikebent	G5	S1	Tier 2			Full
Aliciella pinnatifida	Sticky Gilia	G4G5	SH				Full
Allium canadense var. fraseri	Fraser's Wild Onion	G5T4T5	S2	Tier 2			Full
Allium cernuum	Nodding Wild Onion	G5	S2	Tier 2			Full
Allium drummondii	Drummond's Wild Onion	G5	S1	Tier 2			Full
Allium tricoccum var. burdickii	Ramp	G4G5	S2	Tier 2			Full
Amaranthus californicus	California Amaranth	G4	S2	Tier 2			Full
Ambrosia tomentosa	Perennial Bursage	G4	S1	Tier 2			Full
Amelanchier humilis	Low Shadbush	G5	S3				Full

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<i>Ammannia auriculata</i>	Ear-leaf Toothcup	G5	S1	Tier 2			Full
<i>Amorpha nana</i>	Dwarf Indigo-bush	G5	S1	Tier 2			Full
<i>Amphiachyris dracunculoides</i>	Prairie Broomweed	G4G5	SNR	Tier 2			Full
<i>Amphiscirpus nevadensis</i>	Nevada Bulrush	G4	S2	Tier 2			Full
<i>Anagallis minima</i>	Chaffweed	G5	S3				Full
<i>Anaphalis margaritacea</i>	Pearly Everlasting	G5	S1	Tier 2			Full
<i>Anemone multifida</i> var. <i>multifida</i>	Hudson Bay Anemone	G5T5	S1	Tier 2			Full
<i>Antennaria dimorpha</i>	Low Pussytoes	G5	S1	Tier 2			Full
<i>Antennaria rosea</i>	Rosy Pussytoes	G5	S1				Full
<i>Aralia nudicaulis</i>	Wild-sarsaparilla	G5	S3				Full
<i>Aralia racemosa</i>	Spikenard	G5	S1	Tier 2			Full
<i>Arctostaphylos uva-ursi</i>	Bearberry	G5	S1	Tier 2			Full
<i>Arenaria lateriflora</i>	Grove Sandwort	G5	S3				Full
<i>Argyrochosma dealbata</i>	Powdery Cloak Fern	G4G5	SH				Full
<i>Arisaema dracontium</i>	Green Dragon	G5	S2	Tier 2			Full
<i>Aristida desmantha</i>	Curly Three-awn	G5	SH				Full
<i>Aristida purpurascens</i>	Arrowfeather Three-awn	G5	S1	Tier 2			Full
<i>Arnica cordifolia</i>	Heartleaf Arnica	G5	S1				Full
<i>Arnoglossum atriplicifolium</i>	Pale Indian-plantain	G4G5	S2	Tier 2			Full
<i>Artemisia carruthii</i>	Carruth's Sagewort	G4?	S1	Tier 2			Full
<i>Asclepias amplexicaulis</i>	Clasping-leaf Milkweed	G5	S1	Tier 2			Full
<i>Asclepias asperula</i> ssp. <i>capricornu</i>	Antelope-horns	G5TNR	S1	Tier 2			Full
<i>Asclepias lanuginosa</i>	Woolly Milkweed	G4?	S2S4				Full
<i>Asclepias latifolia</i>	Broad-leaf Milkweed	G5	S3				Full
<i>Asclepias purpurascens</i>	Purple Milkweed	G5?	S2	Tier 2			Full
<i>Asplenium platyneuron</i>	Ebony Spleenwort	G5	S2	Tier 2			Full
<i>Aster subulatus</i> var. <i>subulatus</i>	Saltmarsh Aster	G5	S1S3	Tier 2			Full
<i>Astragalus agrestis</i>	Field Milk-vetch	G5	S1	Tier 2			Full
<i>Astragalus barrii</i>	Barr's Milkvetch	G3G4	S1	Tier 1			Full
<i>Astragalus bodinii</i>	Bodin's Milk-vetch	G4	S1	Tier 2			Full
<i>Astragalus hyalinus</i>	Summer Orophaca	G4	S2	Tier 2			Full
<i>Astragalus kentrophyta</i> var. <i>kentrophyta</i>	Nuttall's Kentrophyta	G5T4	S3S4				Full
<i>Astragalus pectinatus</i>	Tine-leaf Milk-vetch	G5	S1	Tier 2			Full
<i>Astragalus shortianus</i>	Short's Milkvetch	G4	S1	Tier 1			Full
<i>Athyrium filix-femina</i> var. <i>cyclosorum</i>	Northwestern Lady-fern	G5T5	SH				Full
<i>Atriplex gardneri</i> var. <i>gardneri</i>	Gardner's Saltbush	G5	S1	Tier 2			Full
<i>Atriplex powellii</i> var. <i>powellii</i>	Powell's Saltbush	G4	S1	Tier 2			Full
<i>Atriplex suckleyi</i>	Rillscale	G4	S1	Tier 2			Full
<i>Baptisia lactea</i> var. <i>lactea</i>	White Wild Indigo	G5T4T5	S2S4				Full
<i>Bergia texana</i>	Texas Bergia	G5	S1	Tier 2			Full
<i>Betula occidentalis</i>	Mountain Birch	G5	S1	Tier 2			Full
<i>Betula papyrifera</i>	Paper Birch	G5	S2S4				Full
<i>Bidens connata</i> var. <i>gracilipes</i>	Sandberg's Beggar-ticks	G5	S1	Tier 2			Full
<i>Bidens polylepis</i>	Coreopsis Beggar-ticks	G5	S2	Tier 2			Full
<i>Blephilia hirsuta</i>	Wood Mint	G5	S1	Tier 2			Full



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Boechera dentata	Short's Rock Cress	G5	S2	Tier 2			Full
Boechera grahamii	Graham's Rock Cress	G5	S1S3				Full
Botrychium campestre	Prairie Moonwort	G3G4	S1	Tier 1			Full
Botrychium dissectum	Cut-leaved Grape-Fern	G5	S1	Tier 2			Full
				Provisional			
Botrychium simplex var. simplex	Least Moonwort	G5	S1				Full
Brachyelytrum erectum	Bearded Short-husk	G5	S2	Tier 2			Full
Brasenia schreberi	Watershield	G5	S2	Tier 2			Full
Brickellia grandiflora	Tassel-flower	G5	S2S4				Full
Bromus ciliatus	Fringed Brome	G5	S2S4				Full
Bromus inermis ssp. pumpellianus	Pumpelly Brome	G5T5	S1				Full
Bromus marginatus	Mountain Brome	G5	S2	Tier 2			Full
Bromus porteri	Nodding Brome	G5	S2?	Tier 2			Full
Bromus richardsonii	Richardson's Brome	G5T5	S1				Full
Bulbostylis capillaris	Dense-tuft Hair-sedge	G5	S3S4				Full
Callitriche hermaphroditica	Northern Water-starwort	G5	S2	Tier 2			Full
Callitriche palustris	Vernal Water-starwort	G5	S2	Tier 2			Full
Calochortus gunnisonii var. gunnisonii	Gunnison's Mariposa	G5TNR	S1	Tier 2			Full
Caltha palustris	Yellow Marsh-marigold	G5	S2	Tier 2			Full
Cardamine bulbosa	Spring Bitter Cress	G5	S1S3	Tier 2			Full
Cardamine concatenata	Cut-leaf Toothwort	G5	S1	Tier 2			Full
Cardamine parviflora	Small-flower Bitter Cress	G5	S1				Full
Cardamine pensylvanica	Pennsylvania Bitter Cress	G5	S1	Tier 2			Full
Carex albursina	White Bear Sedge	G5	S1	Tier 2			Full
Carex aquatilis var. substricta	Water Sedge	G5TNR	S2	Tier 2			Full
Carex aureolensis	Golden-fruit Sedge	GNR	S1				Full
Carex austrina	Southern Sedge	G4?	S2S4				Full
Carex bebbii	Bebb's Sedge	G5	S1S3	Tier 2			Full
Carex brachyglossa	Yellow-fruit Sedge	G5	S1S3	Tier 2			Full
Carex bushii	Bush's Sedge	G4	S1S2	Tier 2			Full
Carex buxbaumii	Brown Bog Sedge	G5	S2	Tier 2			Full
Carex conoidea	Field Sedge	G5	S1				Full
Carex crus-corvi	Raven Foot Sedge	G5	S1	Tier 2			Full
Carex diandra	Lesser Panicked Sedge	G5	S3				Full
Carex frankii	Frank's Sedge	G5	S1S2	Tier 2			Full
Carex hirtifolia	Hairy Wood Sedge	G5	S1	Tier 2			Full
Carex lasiocarpa var. americana	Woolly-fruit Sedge	G5T5	S1	Tier 2			Full
Carex limosa	Mud Sedge	G5	S1	Tier 2			Full
Carex lupulina	Hop Sedge	G5	S1	Tier 2			Full
Carex missouriensis	Missouri Sedge	G4	S1	Tier 1			Full
Carex normalis	Greater Straw Sedge	G5	S1				Full
Carex peckii	Peck's Sedge	G5	S3				Full
Carex prairea	Fen Panicked Sedge	G5	S3S4				Full
Carex radiata	Eastern Star Sedge	G5	S1	Tier 2			Full
Carex rossii	Ross' Sedge	G5	S3				Full

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Carex simulata	Copycat Sedge	G5	S1				Full
Carex texensis	Texas Sedge	G5	S1	Tier 2			Full
Carex umbellata	Low Sedge	G5	S1	Tier 2			Full
Carex utriculata	Northwest Territory Sedge	G5	S1	Tier 2			Full
Carex vesicaria var. monile	Inflated Sedge	G5T4	S1	Tier 2			Full
Carex xerantica	White-scale Sedge	G5	S2	Tier 2			Full
Caulophyllum thalictroides	Blue Cohosh	G5	S1	Tier 2			Full
Cephalanthus occidentalis	Common Buttonbush	G5	S1S3	Tier 2			Full
Cerastium nutans var. nutans	Nodding Mouse-ear Chickweed	G5T5	S1	Tier 2			Full
Chaenactis douglasii var. douglasii	Dusty Maiden	G5T5	SH				Full
Chaerophyllum tainturieri var. tainturieri	Southern Chervil	G5T4T5	S1	Tier 2			Full
Chaetopappa ericoides	Rose Heath Daisy	G5	S2	Tier 2			Full
Chamerion angustifolium	Fireweed	G5	S3				Full
Cheilanthes feei	Slender Lip Fern	G5	S2	Tier 2			Full
Chenopodium cycloides	Sandhill Goosefoot	G3G4	S1	Tier 1			Full
Chenopodium pallescens	Pale Goosefoot	G5	S1	Tier 2			Full
Chenopodium salinum	Salt Goosefoot	G5	S2S4				Not Tracked
Chenopodium subglabrum	Northern Narrow-leaf Goosefoot	G3G4	S3S4				Full
Cirsium discolor	Field Thistle	G5	S1S2				Full
Cirsium pulcherrimum var. pulcherrimum	Wyoming Thistle	G5	S1				Full
Claytonia virginica	Virginia Spring-beauty	G5	S1	Tier 2			Full
Clematis fremontii	Fremont's Leather-flower	G5	S1	Tier 2			Full
Clematis hirsutissima var. scottii	Sugarbowls	G4T4?	S1	Tier 2			Full
Clematis pitcheri var. pitcheri	Pitcher's Leather-flower	G4G5TNR	S1	Tier 2			Full
Cleomella angustifolia	Eastern Cleomella	G5	S2	Tier 2			Full
Corallorhiza maculata	Summer Coral-root	G5	S1	Tier 2			Full
Corallorhiza odontorhiza	Autumn Coral-root	G5	S1?	Tier 2			Full
Corallorhiza striata	Striped Coral-root	G5	S1	Tier 2			Full
Corallorhiza striata var. vreelandii	Coral-root Orchid	G5T3T5	S1	Tier 2			Full
Corallorhiza wisteriana	Spring Coral-root	G5	S1	Tier 2			Full
Coreopsis palmata	Finger Coreopsis	G5	S1S3	Tier 2			Full
Corispermum villosum	Hairy Bugseed	G4?	S1	Tier 2			Full
Corispermum welshii	Welsh's Bugseed	G2G4	S1				Full
Cornus obliqua	Pale Dogwood	G5	S2S4				Full
Corydalis aurea	Golden Fumewort	G5	SNR	Tier 2			Full
Corydalis aurea ssp. occidentalis	Mountain Fumewort	G5T5	S2S4				Full
Corydalis flavula	Pale Fumewort	G5	S1	Tier 2			Full
Coryphantha missouriensis	Missouri Pincushion Cactus	G5	S3S4				Full
Crataegus chrysocarpa var. chrysocarpa	Fire-berry Hawthorn	G5T5	S2S4				Full
Crataegus macracantha var. occidentalis	Spike Hawthorn	G5	S1	Tier 2			Full

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<i>Crepis atribarba</i>	Slender Hawk's-beard	G5	S3				Full
<i>Crocanthemum bicknellii</i>	Plains Frostweed	G5	S1S2	Tier 2			Full
<i>Croton glandulosus</i> var. <i>septentrionalis</i>	Sand Croton	G5T5	S2S4				Full
<i>Cryptantha fendleri</i>	Fendler's Cryptantha	G5	S2S4				Full
<i>Cuscuta gronovii</i>	Gronovius's Dodder	G5	S1S3				Full
<i>Cuscuta plattensis</i>	Platte River Dodder	G1Q	S1	Tier 1			Full
<i>Cuscuta umbrosa</i>	Big-fruit Dodder	G5	S1S3	Tier 2			Full
<i>Cyclanthera dissecta</i>	Cut-leaf Cyclanthera	G5	S1	Tier 2			Full
<i>Cyperus echinatus</i>	Globe Flatsedge	G5	S1				Full
<i>Cyperus engelmannii</i>	Englemann's Flatsedge	G5	S2	Tier 2			Full
<i>Cypripedium candidum</i>	Small White Lady's Slipper	G4	S1	Tier 1	T		Full
<i>Cypripedium parviflorum</i>	Yellow Lady's-slipper	G5	S1	Tier 2			Full
<i>Cystopteris bulbifera</i>	Bulblet Bladder Fern	G5	S1	Tier 2			Full
<i>Cystopteris tenuis</i>	Mackay's Fragile Fern	G5	S2S3				Full
<i>Dactylorhiza viridis</i>	Long-bract Green Orchid	G5	S1	Tier 2			Full
<i>Dalea cylindriceps</i>	Large-spike Prairie-clover	G3	S2	Tier 1			Full
<i>Dalea multiflora</i>	Round-head Prairie-clover	G5	S1	Tier 2			Full
<i>Danthonia spicata</i>	Poverty Oatgrass	G5	S1	Tier 2			Full
<i>Dasistoma macrophylla</i>	Big-leaf Mullein-foxglove	G4	S1	Tier 2			Full
<i>Delphinium geyeri</i>	Geyer's Larkspur	G5	S1	Tier 2			Full
<i>Delphinium nuttallianum</i>	Blue Larkspur	G5	S1	Tier 2			Full
<i>Delphinium tricorne</i>	Dwarf Larkspur	G5	S1S3	Tier 2			Full
<i>Desmodium cuspidatum</i> var. <i>longifolium</i>	Long-leaf Tick-clover	G5T5?	S1S3	Tier 2			Full
<i>Desmodium perplexum</i>	Dillen's Tick-clover	G5	S2S4				Full
<i>Desmodium sessilifolium</i>	Sessile-leaf Tick-clover	G5	S1	Tier 2			Full
<i>Diaperia prolifera</i> var. <i>prolifera</i>	Rabbit-tobacco	G5TNR	S2S4				Full
<i>Dichanthelium depauperatum</i>	Starved Spring-panicum	G5	S1	Tier 2			Full
<i>Dichanthelium latifolium</i>	Broad-leaf Spring-panicum	G5	S1	Tier 2			Full
<i>Dichanthelium linearifolium</i>	Slender-leaf Spring-panicum	G5	S1				Full
<i>Diodia teres</i> var. <i>teres</i>	Rough Buttonweed	G5T5	S1	Tier 2			Full
<i>Dioscorea villosa</i>	Wild Yam	G4G5	S1	Tier 2			Full
<i>Diospyros virginiana</i>	Persimmon	G5	S1	Tier 2			Full
<i>Disporum trachycarpum</i>	Rough-fruit Fairybells	G5	S1	Tier 2			Full
<i>Doellingeria umbellata</i> var. <i>pubens</i>	Flat-top Aster	G5T5	S2	Tier 2			Full
<i>Draba brachycarpa</i>	Short-pod Draba	G4G5	S1	Tier 2			Full
<i>Draba cuneifolia</i>	Wedge-leaf Draba	G5	S1	Tier 2			Full
<i>Draba nemorosa</i>	Yellow Whitlow-wort	G5	S2S4				Full
<i>Dracocephalum parviflorum</i>	American Dragon's-head	G5	S1	Tier 2			Full
<i>Dryopteris carthusiana</i>	Spinulose Wood Fern	G5	S2	Tier 2			Full
<i>Dryopteris cristata</i>	Crested Wood Fern	G5	S1	Tier 2			Full
<i>Dryopteris filix-mas</i>	Male Fern	G5	S1				Full

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Dulichium arundinaceum	Three-way Sedge	G5	S3S4				Full
Echinacea pallida	Pale Purple Coneflower	G4	S1	Tier 2			Full
Echinocereus viridiflorus	Green-flower Hedgehog Cactus	G5	S2	Tier 2			Full
Elatine brachysperma	Short-seed Waterwort	G5	S1	Tier 2			Full
Eleocharis atropurpurea	Purple Spikerush	G4G5	S1	Tier 2			Full
Eleocharis coloradoensis	Dwarf Spikerush	G4	S1	Tier 2			Full
Eleocharis elliptica	Bog Spikerush	G5	S2S4				Full
Eleocharis geniculata	Capitate Spikerush	G5	S1	Tier 2			Full
Eleocharis quinqueflora	Few-flower Spikerush	G5	S3				Full
Eleocharis rostellata	Beaked Spikerush	G5	S1	Tier 2			Full
Eleocharis wolfii	Wolf's Spikerush	G3G5	S4	Tier 1			Full
Elodea bifoliata	Two-leaf Waterweed	G4G5	S1	Tier 2			Full
Elymus albicans	Montana Wild-rye	G5	SNA	Tier 2			Not Tracked
Elymus trachycaulus var. andinus	Awned Slender Wheatgrass	G5T5	S1	Tier 2			Full
Epilobium brachycarpum	Autumn Willow-herb	G5	S1				Full
Equisetum fluviatile	Water Horsetail	G5	S1	Tier 2			Full
Eragrostis capillaris	Lace Grass	G5	S1	Tier 2			Full
Eragrostis pilosa var. perplexa	Playa Lovegrass	G4TNR	S1	Tier 2			Full
Eragrostis reptans	Creeping Lovegrass	G5	S1	Tier 2			Full
Eragrostis secundiflora var. capitata	Red Lovegrass	G5TNR	S1	Tier 2			Full
Ericameria nauseosa var. nauseosa	Rubber Rabbit-brush	G5T5	S2S4				Full
Ericameria parryi var. howardii	Parry's Rabbit-brush	G5T5	S2S3				Full
Erigeron caespitosus	Tufted Fleabane	G5	S2	Tier 2			Full
Erigeron divergens	Spreading Fleabane	G5	S2	Tier 2			Full
Erigeron flagellaris	Trailing Fleabane	G5	S3				Full
Erigeron lonchophyllus	Short-ray Fleabane	G5	S1	Tier 2			Full
Erigeron ochroleucus	Buff Fleabane	G5	S2	Tier 2			Full
Erigeron subtrinervis	Three-nerve Fleabane	G5	S2	Tier 2			Full
Erigeron vetensis	Early Blue-top Fleabane	G4	S1	Tier 2			Full
Eriogonum brevicaulis var. brevicaule	Short-stem Wild-buckwheat	G4T4?	S1	Tier 2			Full
Eriogonum cernuum	Nodding Wild-buckwheat	G5	S1	Tier 2			Full
Eriogonum effusum	Spreading Wild-buckwheat	G4G5	S2S4				Full
Eriogonum gordonii	Gordon's Wild Buckwheat	G4	S2	Tier 1			Full
Eriophorum angustifolium var. angustifolium	Tall Cotton-grass	G5T5	S2	Tier 2			Full
Eriophorum gracile	Slender Cotton-grass	G5	S2	Tier 2			Full
Eryngium yuccifolium	Button-snakeroot	G5	S1	Tier 2			Full
Erysimum inconspicuum	Small-flower Wallflower	G5	S2	Tier 2			Full
Erythronium mesochoreum	Prairie Fawn-lily	G4G5	S2	Tier 2			Full
Euphorbia dentata	Eastern Toothed Spurge	G5	S1				Full
Euphorbia missurica var. missurica	Missouri Spurge	G5	S1S3	Tier 2			Full
Festuca saximontana	Rocky Mountain Fescue	G5	S1	Tier 2			Full

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<i>Fimbristylis autumnalis</i>	Slender Fimbry	G5	S3				Full
<i>Fritillaria atropurpurea</i>	Leopard-lily	G5	S2	Tier 2			Full
<i>Fuirena simplex</i> var. <i>aristulata</i>	Western Umbrella-sedge	G5T4	S2S4				Full
<i>Gaillardia pulchella</i>	Indian Blanket-flower	G4G5	S2?	Tier 2			Full
<i>Galearis spectabilis</i>	Showy Orchis	G5	S1	Tier 2			Full
<i>Gamochaeta purpurea</i>	Purple Cudweed	G5	S1	Tier 2			Full
<i>Gentiana alba</i>	Pale Gentian	G4	S1	Tier 2			Full
<i>Gentiana andrewsii</i> var. <i>dakotica</i>	Bottle Gentian	G5?T4T5	S2S4				Full
<i>Geranium maculatum</i>	Wild Geranium	G5	S1				Full
<i>Geranium viscosissimum</i>	Sticky Crane's-bill	G5	S1	Tier 2			Full
<i>Geum laciniatum</i> var. <i>trichocarpum</i>	Rough Avens	G5	S2S3				Full
<i>Geum vernum</i>	Spring Avens	G5	S1	Tier 2			Full
<i>Glaux maritima</i>	Sea Milkwort	G5	S1	Tier 2			Full
<i>Glyceria borealis</i>	Northern Manna Grass	G5	S2S3				Full
<i>Gnaphalium palustre</i>	Western Marsh Cudweed	G5	S1S3	Tier 2			Full
<i>Goodyera oblongifolia</i>	Western Rattlesnake-plantain	G5	S1	Tier 2			Full
<i>Gratiola neglecta</i>	Clammy Hedge-hyssop	G5	S1	Tier 2			Full
<i>Grindelia perennis</i>	Perennial Gumweed	G5T5	S1				Full
<i>Hackelia floribunda</i>	Large-flower Stickseed	G5	S3				Full
<i>Hedeoma pulegioides</i>	American False-pennyroyal	G5	S1	Tier 2			Full
<i>Helenium flexuosum</i>	Purple-head Sneezeweed	G5	S1				Full
<i>Helianthus mollis</i>	Ashy Sunflower	G4G5	S1	Tier 2			Full
<i>Heliotropium curassavicum</i> var. <i>curassavicum</i>	Seaside Heliotrope - var. <i>curassavicum</i>	G5T5	S1	Tier 2			Full
<i>Heliotropium curassavicum</i> var. <i>obovatum</i>	Seaside Heliotrope - var. <i>obovatum</i>	G5T5	S1	Tier 2			Full
<i>Heteranthera missouriensis</i>	Bouquet Mud-plantain	G3G4	S1	Tier 2			Full
<i>Hieracium canadense</i>	Canada Hawkweed	G5	S1	Tier 2			Full
<i>Hieracium umbellatum</i>	Narrow-leaf Hawkweed	G5	S1	Tier 2			Full
<i>Hippuris vulgaris</i>	Mare's-tail	G5	S1	Tier 2			Full
<i>Houstonia purpurea</i> var. <i>calycosa</i>	Midwestern Summer Bluets	G5T5	S1	Tier 2			Full
<i>Houstonia pusilla</i>	Small Bluets	G5	S1	Tier 2			Full
<i>Hydrophyllum appendiculatum</i>	Notch-bract Waterleaf	G5	S1	Tier 2			Full
<i>Hymenopappus scabiosaeus</i> var. <i>corymbosus</i>	Old-plainsman	G4G5T4T5	S2S4				Full
<i>Hymenoxys richardsonii</i> var. <i>richardsonii</i>	Colorado Rubberplant	G5T5	S1				Full
<i>Hypericum mutilum</i>	Dwarf St. John's-wort	G5	S1	Tier 2			Full
<i>Hypericum punctatum</i>	Spotted St. John's-wort	G5	S1	Tier 2			Full
<i>Hypericum pyramidatum</i>	Giant St. John's-wort	G4T4	S2?	Tier 2			Full
<i>Hypericum sphaerocarpum</i>	Round-pod St. John's-wort	G5	S1	Tier 2			Full
<i>Ipomoea pandurata</i>	Bigroot Morning-glory	G5	S1	Tier 2			Full
<i>Ipomopsis congesta</i>	Ball-head Ipomopsis	G5	S2S4				Full

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<i>Iris missouriensis</i>	Rocky Mountain Iris	G5	S1	Tier 2			Full
<i>Iris virginica</i> var. <i>shrevei</i>	Southern Iris	G5	S2S4				Full
<i>Isoetes melanopoda</i>	Black-foot Quillwort	G5	S1	Tier 2			Full
<i>Juglans cinerea</i>	Butternut	G3	S1				Full
<i>Juncus acuminatus</i>	Taper-tip Rush	G5	S1	Tier 2			Full
<i>Juncus articulatus</i>	Joint-leaf Rush	G5	S1	Tier 2			Full
<i>Juncus effusus</i> ssp. <i>solutus</i>	Soft Rush	G5T5	S1	Tier 2			Full
<i>Juniperus communis</i>	Ground Juniper	G5	S1	Tier 2			Full
<i>Juniperus horizontalis</i>	Creeping Juniper	G5	S1	Tier 2			Full
<i>Krigia cespitosa</i>	Dwarf-dandelion	G5	S1	Tier 2			Full
<i>Lappula fremontii</i>	Fremont's Stickseed	GNR	S2S4				Full
<i>Lathyrus ochroleucus</i>	Yellow Vetchling	G5	S2	Tier 2			Full
<i>Lathyrus palustris</i>	Marsh Vetchling	G5	S1S3	Tier 2			Full
<i>Lechea mucronata</i>	Hairy Pinweed	G5	S1	Tier 2			Full
<i>Lechea stricta</i>	Prairie Pinweed	G4?	S1	Tier 2			Full
<i>Lechea tenuifolia</i>	Narrow-leaf Pinweed	G5	S1	Tier 2			Full
<i>Lemna gibba</i>	Inflated Duckweed	G4G5	S2	Tier 2			Full
<i>Lemna minuta</i>	Least Duckweed	G4	S1	Tier 2			Full
<i>Lespedeza violacea</i>	Violet Bush-clover	G5	S1	Tier 2			Full
<i>Leucopoa kingii</i>	Spike-fescue	G5	S2	Tier 2			Full
<i>Leucospora multifida</i>	Narrow-leaf Paleseed	G5	S1	Tier 2			Full
<i>Leymus cinereus</i>	Great Basin Wild-rye	G5	SH				Full
<i>Liatris hirsuta</i>	Hairy Gayfeather	G5T4?	S1S3	Tier 2			Full
<i>Liatris ligulistylis</i>	Rocky Mountain Gayfeather	G5?	S1	Tier 2			Full
<i>Liatris pycnostachya</i> var. <i>pycnostachya</i>	Thickspike Gayfeather	G5T5	S1S3	Tier 2			Full
<i>Lilium michiganense</i>	Turk's Cap Lily	G5	S2S4				Full
<i>Lilium philadelphicum</i>	Wood Lily	G5	S3				Full
<i>Linanthus caespitosus</i>	Matted Prickly-phlox	G4	S1	Tier 1			Full
<i>Linum berlandieri</i> var. <i>berlandieri</i>	Berlandier's Flax	G5T5?	S1	Tier 2			Full
<i>Linum lewisii</i> var. <i>lewisii</i>	Western Prairie Flax	G5T5	S1	Tier 2			Full
<i>Linum puberulum</i>	Plains Flax	G5	S2S4				Full
<i>Liparis loeselii</i>	Loesel's Twayblade	G5	S1	Tier 2			Full
<i>Lithophragma parviflorum</i>	Small-flower Prairie Star	G5	S1	Tier 2			Full
<i>Lobelia cardinalis</i>	Cardinal Flower	G5	S1	Tier 2			Full
<i>Lobelia inflata</i>	Indian-tobacco	G5	S1	Tier 2			Full
<i>Loeflingia squarrosa</i> var. <i>texana</i>	Spreading Pygmyleaf	G5T4?	S1	Tier 2			Full
<i>Lomatium nuttallii</i>	Dog-parsley	G3	S2	Tier 1			Full
<i>Ludwigia alternifolia</i>	Bushy Seedbox	G5	S1	Tier 2			Full
<i>Ludwigia peploides</i> var. <i>glabrescens</i>	Floating Primrose-willow	G5T5	S1				Full
<i>Maianthemum canadense</i> var. <i>interius</i>	Wild Lily-of-the-valley	G5	S1	Tier 2			Full
<i>Malus ioensis</i>	Iowa Crab Apple	G4G5	S1S3	Tier 2			Full
<i>Matteuccia struthiopteris</i> var. <i>pennsylvanica</i>	Ostrich Fern	G5T5	S1	Tier 2			Full
<i>Melica nitens</i>	Three-flower Melic Grass	G5	S1	Tier 2			Full

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Mentzelia albicaulis	White-stem Blazing-star	G5	S1	Tier 2			Full
Mentzelia multiflora	Desert Blazing-star	G5	S2S4				Full
Mentzelia oligosperma	Stickleaf	G4	S1	Tier 2			Full
Menyanthes trifoliata	Bog Buckbean	G5	S2S3				Full
Mertensia lanceolata	Prairie Bluebells	G5	S2	Tier 2			Full
Microsteris gracilis var. humilior	Dwarf-phlox	G5T5	S1	Tier 2			Full
Mimulus alatus	Sharpwing	G5	S1S2	Tier 2			Full
Mimulus guttatus	Monkey-flower Seep Monkey-flower	G5	S1	Tier 2			Full
Minuartia michauxii var. texana	Texas Sandwort	G5T3T5	S2	Tier 2			Full
Mirabilis albida	White Four-o'clock	G5	S1				Full
Mirabilis glabra	Smooth Four-o'clock	G5	S2	Tier 2			Full
Monotropa hypopithys	Pinesap	G5	S1	Tier 2			Full
Monotropa uniflora	Indian-pipe	G5	S1	Tier 2			Full
Muhlenbergia filiformis	Pull-up Muhly	G5	S1	Tier 2			Full
Muhlenbergia glomerata	Spiked Muhly	G5	S2	Tier 2			Full
Muhlenbergia minutissima	Least Muhly	G5	S1				Full
Muhlenbergia richardsonis	Mat Muhly	G5	S1	Tier 2			Full
Muhlenbergia sobolifera	Rock Muhly	G5	S2S4				Full
Muhlenbergia sylvatica	Forest Muhly	G5	S1S3				Full
Muhlenbergia tenuiflora	Slim-flower Muhly	G5	S1	Tier 2			Full
Myosotis laxa	Bay Forget-me-not	G5	S1	Tier 2			Full
Myosotis verna	Spring Forget-me-not	G5	S1	Tier 2			Full
Myriophyllum pinnatum	Cut-leaf Water-milfoil	G5	S1	Tier 2			Full
Myriophyllum verticillatum	Whorled Water-milfoil	G5	S1	Tier 2			Full
Najas marina	Prickly Naiad	G5	S1	Tier 2			Full
Navarretia saximontana	Rocky Mountain Navarretia	G4?	S1	Tier 2			Full
Nelumbo lutea	American Lotus	G4	S1S3	Tier 2			Full
Nothoscordum bivalve	False-garlic	G4	S1	Tier 2			Full
Nuphar variegata	Yellow Pond-lily	G5T5	S2	Tier 2			Full
Nuttallanthus texanus	Texas Toadflax	G4G5	S3				Full
Nymphaea odorata	White Water-lily	G5	S1S3	Tier 2			Full
Oenothera canescens	Spotted Evening-primrose	G4G5	S2	Tier 2			Full
Oenothera coloradensis ssp. coloradensis	Colorado Butterfly Plant	G3T2	S1	Tier 1	E		Full
Oenothera macrocarpa ssp. fremontii	Fremont's Evening-primrose	G5T3	S1	Tier 2			Full
Oenothera perennis	Small Sundrops	G5	S2	Tier 2			Full
Oonopsis multicaulis	Branched False-goldenweed	G4	S2S4				Full
Ophioglossum engelmannii	Limestone Adder's-tongue	G5	S1	Tier 2			Full
Ophioglossum pusillum	Northern Adder's-tongue	G5	S2	Tier 2			Full
Orobanche uniflora	One-flower Broomrape	G5	S1	Tier 2			Full
Orthilia secunda	One-sided Wintergreen	G5	S1	Tier 2			Full
Oxytropis lagopus var. atropurpurea	Hare's-foot Locoweed	G4G5T4T5	S1				Full
Oxytropis multiceps	Dwarf Locoweed	G5	S2	Tier 2			Full

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Ozobryum ogalalense	A Moss	G1?	S1?				Full
Packera glabella	Butterweed	G5	S1	Tier 2			Full
Packera pseudaurea var. semicordata	Streambank Ragwort	G5T3T5	S1	Tier 2			Full
Panax quinquefolius	American Ginseng	G3G4	S1	Tier 1	T		Full
Paronychia canadensis	Canada Nailwort	G5	S1	Tier 2			Full
Patis racemosa	Black-seed Ricegrass	G5	S2	Tier 2			Full
Pedicularis canadensis	Canada Lousewort	G5	S1	Tier 2			Full
Pedicularis crenulata	Meadow Lousewort	G4	S1	Tier 1			Full
Pedicularis lanceolata	Swamp Lousewort	G5	S3				Full
Pedimelum cuspidatum	Tall Bread Scurf-pea	G4	S2S4				Full
Pedimelum hypogaeum var. hypogaeum	Little Breadroot Scurf-pea	G5T4	S2S4				Full
Pedimelum linearifolium	Slim-leaf Scurf-pea	G4?	S1	Tier 2			Full
Pellaea atropurpurea	Purple-stem Cliff-brake	G5	S2	Tier 2			Full
Pellaea glabella var. glabella	Smooth Cliff-brake	G5T5	S1	Tier 2			Full
Penstemon ambiguus	Gilia Beardtongue	G4G5	S1	Tier 2			Full
Penstemon buckleyi	Buckley's Penstemon	G4G5	S1	Tier 2			Full
Penstemon cobaea	Cobaea Penstemon	G4	S2S4				Full
Penstemon digitalis	Foxglove Penstemon	G5	S1	Tier 2			Full
Penstemon haydenii	Blowout Penstemon	G1G2	S1	Tier 1	E	E	Full
Penstemon tubiflorus var. tubiflorus	Tube Penstemon	G5T4T5	S1	Tier 2			Full
Phacelia hastata var. hastata	Scorpion-weed	G5T5	S2S3	Tier 2			Full
Phemeranthus calycinus	Rockpink Fame-flower	G5	S1S2	Tier 2			Full
Phemeranthus rugospermus	Sand Fame-flower	G3G4	S3S4				Full
Phlox alyssifolia	Alyssum-leaf Phlox	G5	S1	Tier 2			Full
Phlox bryoides	Moss Phlox	G5	S2	Tier 2			Full
Physalis missouriensis	Downy Ground-cherry	G5?	S1	Tier 2			Full
Physalis pumila	Dwarf Ground-cherry	G5	S1	Tier 2			Full
Physaria arenosa var. arenosa	Secund Bladder-pod	G5T5	S1	Tier 2			Full
Physaria brassicoides	Great Plains Twinpod	G5	S1	Tier 2			Full
Physaria montana	Mountain Bladder-pod	G5	S2	Tier 2			Full
Physaria ovalifolia	Round-leaf Bladder-pod	G5?	SH				Full
Physocarpus intermedius	Prairie Ninebark	G5T3T5	S2	Tier 2			Full
Physocarpus monogynus	Mountain Ninebark	G4	S1				Full
Physostegia parviflora	False Dragon's-head	G4G5	S1	Tier 2			Full
Pilularia americana	American Pillwort	G5	S1	Tier 2			Full
Pinus flexilis	Limber Pine	G4	S1	Tier 2			Full
Plantago rhodosperma	Red-seed Plantain	GNR	S1	Tier 2			Full
Platanthera aquilonis	Northern Green Orchid	G5	S3				Full
Platanthera praeclara	Western Prairie Fringed Orchid	G3	S2	Tier 1	T	T	Full
Poa chapmaniana	Chapman's Bluegrass	G5	S1	Tier 2			Full
Poa fendleriana	Mutton Grass	G5	S3				Full
Podophyllum peltatum	May-apple	G5	S3				Full
Polemonium reptans	Creeping Polemonium	G5	S1	Tier 2			Full
Polygala senega	Seneca Snakeroot	G4G5	S1	Tier 2			Full



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Polygonum douglasii	Douglas' Knotweed	G5	S2	Tier 2			Full
Polygonum sawatchense ssp. sawatchense	Rocky Mountain Knotweed	GNRTNR	S2	Tier 2			Full
Pomaria jamesii	James's Rush-pea	G5	S1	Tier 2			Full
Populus angustifolia	Narrow-leaf Cottonwood	G5	S1	Tier 2			Full
Populus tremuloides	Quaking Aspen	G5	S2?	Tier 2			Full
Populus x acuminata	Lance-leaf Cottonwood (Hybrid)	GNA	S1	Tier 2			Full
Populus x smithii	Smith's Hybrid Aspen	GNA	S1	Tier 2			Full
Portulaca pilosa	Kiss-me-quick	G5	S1				Full
Potamogeton amplifolius	Large-leaf Pondweed	G5	S1	Tier 2			Full
Potamogeton diversifolius	Water-thread Pondweed	G5	S2	Tier 2			Full
Potamogeton friesii	Fries' Pondweed	G5	S2	Tier 2			Full
Potamogeton praelongus	White-stem Pondweed	G5	S1	Tier 2			Full
Potamogeton strictifolius	Straight-leaf Pondweed	G5	S1	Tier 2			Full
Potentilla anserina	Silverweed	G5	S1	Tier 2			Full
Potentilla hippiana	Saskatchewan Cinquefoil	G5	S2?	Tier 2			Full
Potentilla plattensis	Platte River Cinquefoil	G4	S1	Tier 2			Full
Potentilla simplex	Old-field Cinquefoil	G5	S1	Tier 2			Full
Prenanthes racemosa ssp. multiflora	Purple Rattlesnake-root	G5T4?	S1	Tier 2			Full
Primula pauciflora var. pauciflora	Northern Shooting-star	G5T5	S2	Tier 2			Full
Prunus angustifolia	Chickasaw Plum	G5	S1	Tier 2			Full
Prunus hortulana	Wild-goose Plum	G4?	S1	Tier 2			Full
Pseudognaphalium macounii	Macoun's Rabbit-tobacco	G5	S1				Full
Pseudoroegneria spicata	Bluebunch Wheatgrass	G5	S1	Tier 2			Full
Pterospora andromedea	Pine-drops	G5	S2	Tier 2			Full
Pycnanthemum pilosum	Hairy Mountain-mint	G5T5	S1	Tier 2			Full
Pycnanthemum tenuifolium	Narrow-leaf Mountain-mint	G5	S1	Tier 2			Full
Pyrola chlorantha	Green-flower Wintergreen	G5	S1	Tier 2			Full
Pyrola elliptica	Wax-flower Shinleaf	G5	S1	Tier 2			Full
Pyrrhoppappus carolinianus	Carolina False-dandelion	G5	S1	Tier 2			Full
Pyrrhoppappus grandiflorus	Tuberous False-dandelion	G5	S1				Full
Quercus alba	White Oak	G5	S1	Tier 2			Full
Quercus marilandica	Blackjack Oak	G5	S1	Tier 2			Full
Quercus prinoides	Dwarf Chinquapin Oak	G5	S1				Full
Ranunculus fascicularis	Early Buttercup	G5	S1	Tier 2			Full
Ranunculus glaberrimus var. ellipticus	Sagebrush Buttercup	G5T5	S1	Tier 2			Full
Ranunculus hispidus var. caricetorum	Northern Marsh Buttercup	G5T5	S1	Tier 2			Full
Ranunculus inamoenus	Graceful Buttercup	G5	S1	Tier 2			Full
Ranunculus recurvatus var. recurvatus	Hooked Buttercup	G5T5	S2	Tier 2			Full
Ranunculus rhomboideus	Prairie Buttercup	G5	S1	Tier 2			Full

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Ratibida tagetes	Short-ray Prairie-coneflower	G4G5	S1	Tier 2			Full
Rhus copallinum var. latifolia	Shining Sumac	G5T5	S1	Tier 2			Full
Rhynchospora capitellata	Brownish Beak-rush	G5	S1				Full
Ribes hirtellum	Hairy-stem Gooseberry	G5	S1	Tier 2			Full
Ribes oxycanthoides	Canada Gooseberry	G5	S2S4				Full
Rorippa calycina	Hayden's Yellow Cress	G3	S1				Full
Rorippa tenerrima	Slender Yellow Cress	G5	S1	Tier 2			Full
Rubus flagellaris	Northern Dewberry	G5	S1	Tier 2			Full
Rubus pubescens	Dwarf Swamp Raspberry	G5	S1	Tier 2			Full
Rubus strigosus	Red Raspberry	G5T5	S1	Tier 2			Full
Ruellia strepens	Limestone Wild-petunia	G4G5	S2	Tier 2			Full
Rumex verticillatus	Water Dock	G5	S1	Tier 2			Full
Sagittaria graminea	Grass-leaf Arrowhead	G5	S3				Full
Sagittaria longiloba	Long-barb Arrowhead	G5	S1	Tier 2			Full
Sagittaria rigida	Stiff Arrowhead	G5	S3				Full
Salicornia rubra	Saltwort	G5	S1	Tier 1	E		Full
Salix bebbiana	Long-beak Willow	G5	S1	Tier 2			Full
Schizachne purpurascens	False-melic	G5	S1	Tier 2			Full
Schoenoplectus hallii	Hall's bulrush	G3	S3	Tier 1			Full
Schoenoplectus saximontanus	Rocky Mountain Bulrush	G5	S1	Tier 1			Full
Scirpus cyperinus	Wool-grass	G5	S1	Tier 2			Full
Scirpus georgianus	Georgia Bulrush	G5	S1S3				Full
Scirpus microcarpus	Panicled Bulrush	G5	S1	Tier 2			Full
Scleria triglomerata	Whip Nut-rush	G5	S1S2	Tier 2			Full
Scolochloa festucacea	River Grass	G5	S1	Tier 2			Full
Scutellaria brittonii	Britton's Skullcap	G4G5	S2	Tier 2			Full
Sedum lanceolatum var. lanceolatum	Yellow Stonecrop	G5T5	S2	Tier 2			Full
Senecio integerrimus var. scribneri	Scribner's Groundsel	G5T2T3	S1	Tier 2			Full
Senecio spartioides	Broom Groundsel	G5	S1	Tier 2			Full
Senna marilandica	Southern Wild Senna	G5	S1S3	Tier 2			Full
Sidalcea neomexicana ssp. neomexicana	New Mexico Checker-mallow	G4TNR	S1				Full
Silene menziesii	Menzies' Catchfly	G5	S1	Tier 2			Full
Smilax ecirrhata	Upright Carrion-flower	G5	S2S4				Full
Solidago flexicaulis	Zigzag Goldenrod	G5	S1	Tier 2			Full
Solidago petiolaris	Downy Goldenrod	G5	S2S4				Full
Solidago speciosa var. pallida	Showy-wand Goldenrod	G5T4	S1	Tier 2			Full
Sparganium emersum	Green-fruit Bur-reed	G5	S2	Tier 2			Full
Spiranthes diluvialis	Ute Ladies'-tresses	G2G3	S1	Tier 1	T	T	Full
Spiranthes lacera var. gracilis	Slender Ladies'-Tresses	G5T4T5	S1	Tier 2			Full
Spiranthes magnicamporum	Great Plains Ladies'-tresses	G3G4	SNR				Full
Spiranthes romanzoffiana	Hooded Ladies'-tresses	G5	S1	Tier 2			Full
Spiranthes vernalis	Spring Ladies'-tresses	G5	S1S3	Tier 2			Full
Sporobolus texanus	Texas Dropseed	G5	S1	Tier 2			Full

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<i>Stachys hispida</i>	Hispid Hedge-nettle	G5	S1	Tier 2			Full
<i>Stanleya pinnata</i> var. <i>pinnata</i>	Prince's-plume	G5T4T5	S1	Tier 2			Full
<i>Stephanomeria runcinata</i>	Wire-lettuce	G5	S2	Tier 2			Full
<i>Stuckenia filiformis</i> ssp. <i>occidentalis</i>	Thread-leaf Pondweed	G5T5	S1	Tier 2			Full
<i>Suckleya suckleyana</i>	Poison Suckleya	G5	S1	Tier 2			Full
<i>Symphoricarpos albus</i>	Snowberry	G5	S3				Full
<i>Symphotrichum ascendens</i>	Intermountain Aster	G5	S1	Tier 2			Full
<i>Symphotrichum fendleri</i>	Fendler's Aster	G4?	S1	Tier 2			Full
<i>Symphotrichum lateriflorum</i> var. <i>lateriflorum</i>	White Woodland Aster	G5T5	S1	Tier 2			Full
<i>Symphotrichum sagittifolium</i>	Blue Arrow-leaf Aster	G5	S2S4				Full
<i>Symphotrichum urophyllum</i>	White Arrow-leaf Aster	G4G5	S1				Full
<i>Tephrosia virginiana</i>	Hoary-pea	G5	S1	Tier 2			Full
<i>Tetranneuris scaposa</i> var. <i>linearis</i>	Naked-stem Tetranneuris	G4G5TNR	S2S4				Full
<i>Thalictrum venulosum</i>	Veiny Meadow-rue	G5	S2S4				Full
<i>Thelypodium integrifolium</i>	Entire-leaf Thelypody	G5	S2S4				Full
<i>Townsendia hookeri</i>	Hooker's Townsendia	G5	S1	Tier 2			Full
<i>Tragia ramosa</i>	Branched Noseburn	G5	S1	Tier 2			Full
<i>Triadenum fraseri</i>	Marsh-st. John's-wort	G5	S2	Tier 2			Full
<i>Trichostema brachiatum</i>	Glade Blue Curlys	G5	S1	Tier 2			Full
<i>Trifolium reflexum</i>	Buffalo Clover	G3G4	SH				Full
<i>Triglochin palustris</i>	Marsh Arrow-grass	G5	S1	Tier 2			Full
<i>Trillium nivale</i>	Snow Trillium	G4	S1	Tier 1			Full
<i>Triodanis biflora</i>	Small Venus'-looking-glass	G5T5	S1	Tier 2			Full
<i>Triodanis holzingeri</i>	Holzinger's Venus' Looking-glass	G4	S2S4				Full
<i>Triphora trianthophoros</i> var. <i>trianthophoros</i>	Nodding-pogonia	G4?T4?	S1	Tier 1			Full
<i>Tripsacum dactyloides</i>	Eastern Gama Grass	G5	S2S4				Full
<i>Tripterocalyx micranthus</i>	Small-flower Sandpuffs	G5	S1	Tier 2			Full
<i>Turritis glabra</i>	Tower Mustard	G5	S2S4				Full
<i>Ulmus thomasii</i>	Rock Elm	G5	S2S4				Full
<i>Utricularia minor</i>	Lesser Bladderwort	G5	S1	Tier 2			Full
<i>Utricularia subulata</i>	Zigzag Bladderwort	G5	S1				Full
<i>Vallisneria americana</i>	American Eelgrass	G5	S1	Tier 2			Full
<i>Verbena simplex</i>	Narrow-leaf Vervain	G5	S1	Tier 2			Full
<i>Veronicastrum virginicum</i>	Culver's Root	G4	S1	Tier 2			Full
<i>Viburnum lentago</i>	Nannyberry	G5	S1	Tier 2			Full
<i>Viola adunca</i>	Hook-spur Violet	G5	S1	Tier 2			Full
<i>Viola lanceolata</i>	Bog White Violet	G5	S3				Full
<i>Viola pedata</i>	Birdfoot Violet	G5	S1	Tier 2			Full
<i>Viola vallicola</i>	Yellow Valley Violet	G5?	S2	Tier 2			Full
<i>Viola viarum</i>	Plains Cutleaf Violet	G5	S1	Tier 2			Full
<i>Vitis aestivalis</i>	Summer Grape	G5	S1	Tier 2			Full
<i>Vitis cinerea</i>	Graybark Grape	G4G5	S1	Tier 2			Full
<i>Vitis vulpina</i>	Frost Grape	G5	S1	Tier 2			Full
<i>Wolffia brasiliensis</i>	Brazilian Watermeal	G5	S1	Tier 2			Full

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Xyris torta	Twisted Yellow-eyed-grass	G5	S2	Tier 2			Full
Zeltnera exaltata	Desert Centaury	G5	S1	Tier 2			Full
Zigadenus elegans	Mountain White-camas	G5	S1	Tier 2			Full
Zizania palustris	Northern Wild-rice	G5	S3				Full

### **Aquatic Communities**

Coldwater river		GNR	S1				Watchlist
Coldwater small stream		GNR	S3				Watchlist
Coldwater stream		GNR	S2				Watchlist
Floodplain lake		GNR	S2				Watchlist
Large warmwater river		GNR	S1				Watchlist
Sandhills alkaline lake		GNR	S2				Watchlist
Sandhills freshwater lake		GNR	S4				Watchlist
Warmwater river		GNR	S3				Watchlist
Warmwater small stream		GNR	S4				Watchlist
Warmwater stream		GNR	S4				Watchlist

### **Terrestrial Communities**

American Lotus Aquatic Wetland		G4?	S1?				Partial
Badlands		G4G5,G4G5	S3				Partial
Basswood-Ironwood Springbranch Canyon Forest		G3	S2				Partial
Buckbrush Shrubland		G4G5	S4				Partial
Buffaloberry Shrubland		G3G4	S2?				Partial
Bur Oak-Basswood-Ironwood Forest		G3	S2S3				Partial
Cattail Shallow Marsh		G5,G4G5	S2				Partial
Chokecherry-Plum Shrub Thicket		GNR	S3?				Partial
Cottonwood Riparian Woodland		G2	S2?				Partial
Cottonwood-Diamond Willow Woodland		GNR	S2?				Partial
Cottonwood-Peachleaf Willow Riparian Woodland		G3G4	S3				Partial
Dakota Sandstone Tall-grass Prairie		G3?	S2				Partial
Dry Ponderosa Pine Open Woodland and Savanna		G3G4	S3S4				Partial
Dry Upland Bur Oak Woodland		G3G4	S3?				Partial
Dry-Mesic Bur Oak Forest and Woodland		G2G3,G4	S2S3				Partial
Dry-Mesic Ponderosa Pine Woodland		G4?	S2				Partial
Eastern Bulrush Deep Marsh		G4G5,G4?, G5,G4G5	S3				Partial
Eastern Cordgrass Wet Prairie		G3?	S1				Partial
Eastern Cottonwood-Dogwood Riparian Woodland		GNR	S2?				Partial

<u>Scientific Name</u>	<u>Common Name</u>	<u>Grank</u>	<u>Srank</u>	<u>Legacy</u>	<u>State</u>	<u>Federal</u>	<u>Tracking Status</u>
Eastern Pondweed Aquatic Wetland		G4G5	S3?				Partial
Eastern Riparian Forest		G3G5	S3				Partial
Eastern Saline Marsh		G1G2	S1				Partial
Eastern Saline Meadow		G2G3	S1				Partial
Eastern Sand Prairie		G3	S4				Partial
Eastern Sandstone Bluff and Cliff		G4G5	S4				Partial
Eastern Sedge Wet Meadow		GNR	S1				Partial
Freshwater Seep		G3	S3				Partial
Greasewood Shrub Prairie		G4	S2				Partial
Great Plains Gravel/Cobble Prairie		GNR	S3				Partial
Green Ash-Eastern Red Cedar Scarp Woodland		G2G3	S3?				Partial
Green Ash-Elm-Hackberry Canyon Bottom Woodland		G2G3	S2				Partial
Loess Mixed-grass Prairie		G3?	S3				Partial
Lowland Tall-grass Prairie		G1G2,G2G3	S1				Partial
Mesic Bur Oak Forest and Woodland		G4,G1G2	S1?				Partial
Missouri River Floodplain Terrace Grassland		GNR	S2?				Partial
Missouri River Valley Dune Grassland		G1	S2				Partial
Mountain Mahogany Shrubland		G5	S3				Partial
Northern Chalk Bluff and Cliff		GNR	S5				Partial
Northern Cordgrass Wet Prairie		G3?	S2				Partial
Northern Loess/Shale Bluff Prairie		G2	S2				Partial
Northern Pondweed Aquatic Wetland		G4G5	S4				Partial
Northwestern Mixed-grass Prairie		G4,G3G5	S3				Partial
Oak-Hickory-Ironwood Forest		G3	S2				Partial
Paper Birch Springbranch Canyon Forest		G2?	S1				Partial
Peachleaf Willow Woodland		G3	S1				Partial
Perennial Sandbar		GNR	S3S4				Partial
Pine-Juniper Scarp Woodland		G4	S3				Partial
Playa Wetland		G2G4	S1				Partial
Ponderosa Pine Forest		G3G4	S2				Partial
Prairie Fen		G1	S1				Partial
Red Oak-Basswood-Ironwood Forest		G3G4	S2				Partial
Reed Marsh		GNA	S4				Partial
Riparian Dogwood-False Indigobush Shrubland		G4?	S4?				Partial
Riverine Gravel Flats		GNR	S2?				Partial
Rock Outcrop		G4?	S4				Partial
Rocky Mountain Juniper Woodland		G3G4	S4				Partial
Saline/Alkaline Aquatic Wetland		G2?	S3				Partial

<u>Scientific Name</u>	<u>Common Name</u>	<u>Grank</u>	<u>Srank</u>	<u>Legacy</u>	<u>State</u>	<u>Federal</u>	<u>Tracking Status</u>
Sandbar Willow Shrubland		G5,G4G5,G NR	S4S5				Partial
Sandbar/Mudflat		G4G5	S5				Partial
Sandhills Dry Valley Prairie		G3	S4				Partial
Sandhills Dune Prairie		G4G5	S4S5				Partial
Sandhills Fen		G1G2	S1S2				Partial
Sandhills Hardstem Bulrush Marsh		G4	S4				Partial
Sandhills Mesic Tall-grass Prairie		G3?	S2				Partial
Sandhills Wet Meadow		G3G4	S2?				Partial
Sandsage Prairie		G3?	S3				Partial
Sandstone Upland Bur Oak Woodland		G1G2	S2?				Partial
Silver Sagebrush Shrub Prairie		G4	S2				Partial
Skunkbrush Sumac Shrubland		G3	S2?				Partial
Southern Sand/Gravel Prairie		GNR	S2?				Partial
Spikerush Vernal Pool		GNR	S1				Partial
Threadleaf Sedge Western Mixed-grass Prairie		G5,G4	S3S4				Partial
Upland Tall-grass Prairie		G2	S1S2				Partial
Water-lily Aquatic Wetland		G5	S2				Partial
Western Alkaline Marsh		G3G4	S3				Partial
Western Alkaline Meadow		G3	S3				Partial
Western Sand Prairie		G3	S3?				Partial
Western Sandstone Cliff		G4G5	S5				Partial
Western Sedge Wet Meadow		G4	S2				Partial
Western Subirrigated Alkaline Meadow		G5	S2?				Partial
Western floodplain terrace grassland		G4,G3G4	S3				Partial
Wheatgrass Playa Grassland		G2G3	S1				Partial
Wheatgrass Western Mixed-grass Prairie		G4,G5	S4				Partial

## Appendix. Explanation of Columns and Column Values

**GRANK and SRANK.** Code indicating the natural heritage conservation status ranks for the species across its entire range (Grank or 'Global Rank') and in Nebraska only (Srank or 'State Rank'). State ranks are derived by NENHP staff in collaboration with outside experts.

The rank is a measure of the relative level of imperilment. Definitions for each value are below. Grank definitions are similar but use the world rather than the state as a geographic reference and refer to the risk of extinction rather than extirpation.

Rank	Definition
SX	Presumed Extirpated-Species is believed to be extirpated from the state. Not located despite intensive searches of historical sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.
SH	Possibly Extirpated - Known from only historical records but still some hope of rediscovery. There is evidence that the species may no longer be present in the state, but not enough to state this with certainty.
S1	Critically Imperiled- At very high risk of extirpation in the state due to very restricted range, very few populations or occurrences, very steep declines, severe threats, or other factors.
S2	Imperiled- At high risk of extirpation in the state due to restricted range, few populations or occurrences, steep declines, severe threats, or other factors.
S3	Vulnerable- At moderate risk of extirpation in the state due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.
S4	Apparently Secure- At a fairly low risk of extirpation in the state due to an extensive range and/or many populations or occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors.
S5	Secure- At very low or no risk of extirpation in the state due to a very extensive range, abundant populations or occurrences, with little to no concern from declines or threats.
S#S#	Range Rank - A numeric range rank (e.g., S2S3 or S1S3) is used to indicate any range of uncertainty about the status of the species. Ranges cannot skip more than two ranks (e.g., SU is used rather than S1S4).
SU	Unrankable - Currently unrankable due to lack of information or due to substantially conflicting information about status or trends.
SNR	Unranked - State conservation status not yet assessed
SNA	Not Applicable - A conservation status rank is not applicable because the species is not a suitable target for conservation activities.
T	Rank applies to a subspecies or variety (only applicable for Global Ranks)
Q	Questionable taxonomy classification?; a Q added to a rank denotes questionable taxonomy; it modifies the degree of imperilment and is only used in cases where the type would have a less imperiled rank if it were not recognized as a valid type (i.e., if it were combined with a more common community type); a GUQ rank often indicates that the type is unrankable because of daunting taxonomic questions

Note that occasionally more than one Grank is listed for an element. This indicates the state element is equivalent or partly equivalent to more than one global element. This happens most often for natural communities. For example there are two Granks for 'Mesic Bur Oak Forest and Woodland' because the Nebraska type as defined includes two global community types ('Northern Bur Oak Mesic Forest' and Western Tall-grass Bur Oak Mesic Woodland').

**LEGACY STATUS.** At-risk status of a species as designated in the Nebraska Natural Legacy Plan, Nebraska's State Wildlife Action Plan (SWAP). Tier 1 species are typically those that are globally most at-risk of extinction (Grank G1 to G3) and which occur in Nebraska. Tier 2 species are typically those that are not at-risk from a global or national perspective but are rare or imperiled within Nebraska (Grank G4 to G5 and Srank S1 to S3).

**STATE.** Status under the Nebraska Nongame and Endangered Species Conservation Act or the Nebraska Administrative Code. E=Endangered T=Threatened NC=Nongame Species in Need of Conservation.

**FEDERAL.** The federal legal status of the species as assigned by the U.S. Fish and Wildlife Service under the Endangered Species Act (ESA). Federal status. Status under the federal Endangered Species Act. E=Endangered T=Threatened C=Candidate.

**TRACK STATUS.** Code indicating whether the Nebraska Natural Heritage Program maintains information in its Natural Heritage Database for occurrences of the element (species or natural community) and whether all occurrences are tracked. Note that occasionally an element will be shown at the species and subspecies level. This is typically to accommodate tracking of records for which the species is identified but there is uncertainty regarding the subspecies identification.

- |             |  |
|-------------|--|
| Full        | Fully Tracked - Track all extant and selected historical occurrences of the element.   |
| Partial     | Partially Tracked - Track selected extant occurrences. NENHP prioritizes the maintenance of data on high-quality natural communities and therefore all natural communities have a value of 'Partially Tracked.' For most of the tracked birds, only confirmed breeding locations are tracked.  |
| Watchlist   | Track on a watch list only - The species may be of some current or potential conservation concern but data are not maintained in the database. Watchlist status is commonly assigned on the basis of lesser conservation concern compared to species tracked. Other reasons for assigning elements to the watchlist include uncertainty about the status (taxonomic distinctness, uncertain element rank, native status), maintenance of information by another program (Whooping Crane is the most prominent example), and that the species is too mobile or widespread to be tracked effectively with available resources. |
| Not tracked | Information on locations is not actively maintained (If tracked in the past, there may be information in the database).  |