

List of species of greatest conservation need in South Dakota Wildlife Action Plan as of 1 May 2023

Common Name	Scientific Name	Federal Status ^a	State Status ^b	Global Rank ^c	State Rank ^d	2006 SGCN ^e	2006 Eval. ^f	2014 SGCN ^g	2014 Eval. ^h	2022 SGCN ⁱ	2022 Eval. ^j
BIRDS											
American Dipper	<i>Cinclus mexicanus</i>		T	G5	S2	Y	1	Y	1		
American Three-toed Woodpecker	<i>Picoides dorsalis</i>			G5	S2	Y	3	Y	3		
American White Pelican	<i>Pelecanus erythrorhynchos</i>			G4	S2	Y	2	Y	2b		
Baird's Sparrow	<i>Ammodramus bairdii</i>			G4	S2	Y	2	Y	2a		
Bald Eagle	<i>Haliaeetus leucocephalus</i>			G5	S4	Y	1	Y	1		
Black Tern	<i>Chlidonias niger</i>			G4	S3	Y	2	Y	2a		
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>			G5	S4	N		N		Y	3
Black-billed Magpie	<i>Pica hudsonia</i>			G5	S4	N		N		Y	3
Black-backed Woodpecker	<i>Picoides arcticus</i>			G5	S2	Y	3	Y	3		
Bobolink	<i>Dolichonyx oryzivorus</i>			G5	S4	N		N		Y	2b
Burrowing Owl	<i>Athene cunicularia</i>			G4	S3	Y	3	Y	3		
Chestnut-collared Longspur	<i>Calcarius ornatus</i>			G5	S4	Y	2	Y	2a		
Chimney Swift	<i>Chaetura pelagica</i>			G4	S4	N		N		Y	3
Clark's Grebe	<i>Aechmophorus clarkii</i>			G5	S2					Y	3
Ferruginous Hawk	<i>Buteo regalis</i>			G4	S3	Y	3	Y	3		
Golden Eagle ^k	<i>Aquila chrysaetos</i>			G5	S3	N		N			
Grasshopper Sparrow	<i>Ammodramus savannarum</i>			G5	S4	N		N		Y	2b

Greater Prairie-Chicken	<i>Tympanuchus cupido</i>			G4	S4	Y	2	Y	2a		
Greater Sage-Grouse	<i>Centrocercus urophasianus</i>			G3	S2	Y	3	Y	3		
Lark Bunting	<i>Calamospiza melanocorys</i>			G5	S5	Y	2	Y	2a		
Le Conte's Sparrow	<i>Ammodramus leconteii</i>			G5	S2	Y	3	Y	3		
Least Tern	<i>Sternula antillarum</i>		E	G4	S3	Y	1	Y	1		
Lewis's Woodpecker	<i>Melanerpes lewis</i>			G4	S2	Y	3	Y	3		
Loggerhead Shrike	<i>Lanius ludovicianus</i>			G4	S3	N		N		Y	3
Long-billed Curlew	<i>Numenius americanus</i>			G5	S3	Y	2	Y	2a		
Marbled Godwit	<i>Limosa fedoa</i>			G5	S5	Y	2	Y	2a		
Merlin	<i>Falco columbarius</i>			G5	S2	N		N		Y	3
Northern Goshawk	<i>Accipiter gentilis</i>			G5	S2	Y	3	Y	3		
Osprey	<i>Pandion haliaetus</i>		T	G5	S3	Y	1	Y	1		
Peregrine Falcon	<i>Falco peregrinus</i>		T	G4	S1	Y	1	Y	1		
Pinyon Jay	<i>Gymnorhinus cyanocephalus</i>			G3	S3	N		N		Y	3
Piping Plover	<i>Charadrius melodus</i>	T	T	G3	S3	Y	1	Y	1		
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>			G5	S5	N		N		Y	3
Ruffed Grouse	<i>Bonasa umbellus</i>			G5	S4	N		Y	3		
Short-eared Owl	<i>Asio flammeus</i>			G5	S3	N		N		Y	3
Sprague's Pipit	<i>Anthus spragueii</i>			G3	S2	Y	2	Y	2a		
Trumpeter Swan	<i>Cygnus buccinator</i>			G4	S3	Y	2	Y	2b		
White-winged Junco	<i>Junco hyemalis aikenii</i>			G5T4	S4	Y	2	Y	2b		
Whooping Crane	<i>Grus americana</i>	E	E	G1	S1	Y	1	Y	1		
Willet	<i>Tringa semipalmata</i>			G5	S5	Y	2	Y	2b		

Wilson's Phalarope	<i>Phalaropus tricolor</i>			G5	S4	Y	2	Y	2b		
MAMMALS											
Black-footed Ferret	<i>Mustela nigripes</i>	E	E	G1	S1	Y	1	Y	1		
Black Hills Red Squirrel	<i>Tamiasciurus hudsonicus dakotensis</i>			G5TNR	SNR	N		Y	2b		
Eastern Red Bat	<i>Lasiurus borealis</i>			G3	S3	N		N		Y	3
Franklin's Ground Squirrel	<i>Poliocitellus franklinii</i>			G5	S5	Y	2	Y	3		
Fringe-tailed Myotis	<i>Myotis thysanodes pahasapensis</i>			G4T3	S2	Y	2	Y	2a		
Little Brown Myotis	<i>Myotis lucifugus</i>			G3	S3	N		N		Y	3
Northern Flying Squirrel	<i>Glaucomys sabrinus</i>			G5	S3	Y	2	Y	2b		
Northern Hoary Bat	<i>Lasiurus cinereus</i>			G3	S3	N		N		Y	3
Northern Myotis	<i>Myotis septentrionalis</i>	T		G2	S2	Y	3	Y	3		
North American River Otter	<i>Lontra canadensis</i>			G5	S3	Y	1	Y	1		
Plains Spotted Skunk ^k	<i>Spilogale putorius interrupta</i>			G4T4	S3	N		N			
Richardson's Ground Squirrel	<i>Urocitellus richardsonii</i>			G5	S5	Y	2	Y	2b		
Silver-haired Bat	<i>Lasionycteris noctivagans</i>			G3	S3	N		Y	3		
Swift Fox	<i>Vulpes velox</i>		T	G3	S3	Y	1	Y	1		
Tricolored Bat	<i>Perimyotis subflavus</i>			G3	SNR	N		N		Y	3
Townsend's Big-eared Bat	<i>Corynorhinus townsendii</i>			G4	S2	Y	3	Y	3		

AMPHIBIANS AND REPTILES											
Black Hills Redbelly Snake	<i>Storeria occipitomaculata pahasapae</i>			G5T4Q	S3	Y	2	Y	2b		
Great Plains Toad	<i>Anaxyrus cognatus</i>			G5	S5	N		N		Y	2a
Blanchard's Cricket Frog	<i>Acris blanchardi</i>			G5	S2	Y	3	Y	3		
Cope's Gray Treefrog	<i>Hyla chrysoscelis</i>			G5	S2	Y	3	Y	3		
Eastern Hognose Snake	<i>Heterodon platirhinus</i>		T	G5	S2	Y	1	Y	1		
Northern False Map Turtle	<i>Graptemys pseudogeographica pseudogeographica</i>		T	G5T5	S3	Y	1	Y	1		
Plains Hog-nosed Snake	<i>Heterodon nasicus</i>			G5	S5	N		N		Y	2a
Great Plains Earless Lizard	<i>Holbrookia maculata maculata</i>			G5	S2	Y	3	Y	3		
Smooth Greensnake	<i>Opheodrys vernalis</i>			G5	S3	N		N		Y	3
Lined Snake	<i>Tropidoclonion lineatum</i>		E	G5	S2	Y	1	Y	1		
Many-lined Skink	<i>Plestiodon multivirgatus</i>			G5	S2	Y	3	Y	3		
Northern Prairie Skink	<i>Plestiodon septentrionalis septentrionalis</i>			G5T5	S5	N		N		Y	3
Northern Sagebrush Lizard	<i>Sceloporus graciosus graciosus</i>			G5	S2	N		Y	3		
Greater Short-horned Lizard	<i>Phrynosoma hernandesi</i>			G5	S3	Y	3	Y	3		
Midland Smooth Softshell	<i>Apalone mutica mutica</i>			G5	S3	Y	3	Y	3		
Western (Ornate) Box Turtle	<i>Terrapene ornata ornata</i>			G5	S3	Y	3	Y	3		

TERRESTRIAL INSECTS										
American Burying Beetle	<i>Nicrophorus americanus</i>	T		G3	S2	Y	1	Y	1	
Dakota Skipper	<i>Hesperia dacotae</i>	T		G2	S2	Y	2	Y	2a	
Great Plains Tiger Beetle	<i>Amblycheila cylindriformis</i>			G4	S1	Y	3	Y	3	
Indian Creek Tiger Beetle	<i>Cicindela nevadica makosika</i>			G5T1	S1	N		Y	2a	
Iowa Skipper	<i>Atrytone arogos iowa</i>			G3T2	S2	Y	3	Y	3	
Little White Tiger Beetle	<i>Cicindela lepida</i>			G3	S1	Y	3	Y	3	
Monarch ^k	<i>Danaus plexippus</i>	C		G4	SNR	N		N		
Sandy Tiger Beetle	<i>Cicindela limbata nympha</i>			G5T4	S4	N		Y	3	
Ottoe Skipper	<i>Hesperia ottoe</i>			G3	S2	Y	2	Y	3	
Pahasapa Fritillary	<i>Speyeria atlantis pahasapa</i>			G5T3	S2	Y	2	Y	3	
Poweshiek Skipperling	<i>Oarisma poweshiek</i>	E		G1	SX	Y	2	Y	2a	
Regal Fritillary	<i>Speyeria idalia</i>			G3	S3	Y	3	Y	2a	
GASTROPODS										
Callused Vertigo	<i>Vertigo arthuri</i>			G5	SU	Y	3	Y	3	
Cooper's Rocky Mountainsnail	<i>Oreohelix strigosa cooperi</i>			G3	SU	Y	2	Y	2a	
Frigid Ambersnail	<i>Catinella gelida</i>			G1	SU	y	3	Y	3	
Mystery Vertigo	<i>Vertigo paradoxa</i>			G4	SU	Y	3	Y	3	
FISHES										
Banded Killifish	<i>Fundulus diaphanus</i>		E	G5	S1	Y	1	Y	1	
Blacknose Shiner	<i>Notropis heterolepis</i>		E	G5	S1	Y	1	Y	1	
Blackside Darter	<i>Percina maculata</i>			G5	S3	Y	3	Y	3	
Blue Catfish	<i>Ictalurus furcatus</i>			G5	S5	N		N		Y 3

Blue Sucker	<i>Cycleptus elongatus</i>			G3	S3	N		Y	3		
Burbot	<i>Lota lota</i>			G5	S5	N		N		Y	3
Carmine Shiner	<i>Notropis percobromus</i>			G5	S2	Y	3	Y	3		
Central Mudminnow	<i>Umbra limi</i>			G5	S1	Y	1	Y	3		
Finescale Dace	<i>Chrosomus neogaeus</i>		E	G5	S1	Y	1	Y	1		
Flathead Chub	<i>Platygobio gracilis</i>			G5	S5	N		N		Y	2a
Hornyhead Chub	<i>Nocomis biguttatus</i>			G5	S3	Y	3	Y	3		
Lake Chub	<i>Couesius plumbeus</i>			G5	S1	Y	3	Y	3		
Lake Sturgeon	<i>Acipenser fulvescens</i>			G3	S2	N		N		Y	3
Logperch	<i>Percina caprodes</i>			G5	S2	Y	3	Y	3		
Longnose Sucker	<i>Catostomus catostomus</i>		T	G5	S2	Y	1	Y	1		
Mountain Sucker	<i>Catostomus platyrhynchus</i>			G5	S3	Y	3	Y	3		
Northern Pearl Dace	<i>Margariscus nachtriebi</i>		T	G5	S2	Y	1	Y	1		
Northern Redbelly Dace	<i>Chrosomus eos</i>		T	G5	S3	Y	1	Y	1		
Paddlefish	<i>Polyodon spathula</i>			G4	S4	N		N		Y	3
Pallid Sturgeon	<i>Scaphirhynchus albus</i>	E	E	G2	S2	Y	1	Y	1		
Plains Topminnow	<i>Fundulus sciadicus</i>			G4	S4	N		N		Y	2a
Sauger	<i>Sander canadensis</i>			G5	S5	N		N		Y	3
Shovelnose Sturgeon	<i>Scaphirhynchus platyrhynchus</i>	T		G4	S3	N		Y	1		
Sicklefin Chub	<i>Macrhybopsis meeki</i>	Under review	E	G3	S1	Y	1	Y	1		
Southern Redbelly Dace	<i>Chrosomus erythrogaster</i>			G5	S1	Y	3	Y	3		
Sturgeon Chub	<i>Macrhybopsis gelida</i>	Under review	T	G3	S3	Y	1	Y	1		

Topeka Shiner	<i>Notropis topeka</i>	E		G3	S3	Y	1	Y	1		
Trout-perch	<i>Percopsis omiscomaycus</i>			G5	S2	Y	1	Y	3		
FRESHWATER MUSSELS											
Black Sandshell	<i>Ligumia recta</i>			G4	S2	N		N		Y	3
Creek Heelsplitter	<i>Lasmigona compressa</i>			G5	S2	Y	3	Y	3		
Elktoe	<i>Alasmidonta marginata</i>			G4	S1	Y	3	Y	3		
Flat Floater	<i>Utterbackiana suborbiculata</i>			G5	S1	N		N		Y	3
Hickorynut	<i>Obovaria olivaria</i>			G4	S1	Y	3	Y	3		
Higgins Eye	<i>Lampsilis higginsii</i>	E		G1	S1	Y	1	Y	1		
Mapleleaf	<i>Quadrula quadrula</i>			G5	S2	Y	3	Y	3		
Pimpleback	<i>Quadrula pustulosa</i>			G5	S2	N		Y	3		
Rock Pocketbook	<i>Arcidens confragosus</i>			G4	S1	Y	3	Y	3		
Scaleshell	<i>Leptodea leptodon</i>	E		G1	S1	Y	1	Y	1		
Yellow Sandshell	<i>Lampsilis teres</i>			G5	S2	N		Y	3		
AQUATIC INSECTS											
Dakota Stone	<i>Perlesta dakota</i>			G3	SNR	N		Y	2a; 3		
Dot-winged Baskettail	<i>Epitheca petechialis</i>			G4	SNR	N		Y	3		
Elusive Clubtail	<i>Stylurus notatus</i>			G3	SNR	N		Y	3		
Extraordinary Bow-legged Minnow Mayfly	<i>Anaetris eximia</i>			G3	SNR	N		Y	3		
PLANTS											
Autumn Willow	<i>Salix serissima</i>			G5	S1	N		N		Y	3
Barr's Milkvetch	<i>Astragalus barrii</i>			G3	S3	N		N		Y	2a
Big Sagebrush	<i>Artemisia tridentata</i>			G5	SNR	N		N		Y	3
Blue Cohosh	<i>Caulophyllum thalictroides</i>			G5	S3	N		N		Y	3

Colorado Birchleaf Mountain-mahogany	<i>Cercocarpus montanus</i>			G5	S3	N		N		Y	3
Compass Plant	<i>Silphium laciniatum</i>			G5	S3	N		N		Y	3
Dakota Buckwheat	<i>Eriogonum visheri</i>			G3	S3	N		N		Y	2a
Downy Paintbrush (downy painted-cup)	<i>Castilleja sessiliflora</i>			G5	SNR	N		N		Y	3
Elegant Sedge	<i>Carex bella</i>			G5	S1	N		N		Y	3
Fendler's Whitethorn	<i>Ceanothus fendleri</i>			G5	S2	N		N		Y	3
Five-point Bishop's Cap	<i>Mitella pentandra</i>			G5	S1	N		N		Y	3
Kalm's Lobelia	<i>Lobelia kalmii</i>			G5	S2	N		N		Y	3
Leedy's Roseroot	<i>Rhodiola integrifolia</i> ssp. <i>leedyi</i>	T		G5T1	S1	N		N		Y	1
Limber Pine	<i>Pinus flexilis</i>			G4	S1	N		N		Y	3
Lodgepole Pine	<i>Pinus contorta</i>			G5	S2	N		N		Y	3
Loesel's Twayblade	<i>Liparis loeselii</i>			G5	S1	N		N		Y	3
Long-leaved Lousewort	<i>Pedicularis procera</i>			G4	S2	N		N		Y	3
Marsh Marigold	<i>Caltha palustris</i>			G5	SNR	N		N		Y	3
Mountain Huckleberry	<i>Vaccinium membranaceum</i>			G5	S2	N		N		Y	3
Nodding Trillium	<i>Trillium cernuum</i>			G5	S2	N		N		Y	3
Prairie Dropseed	<i>Sporobolus heterolepis</i>			G5	SNR	N		N		Y	3
Prairie Violet	<i>Viola pedatifida</i>			G5	SNR	N		N		Y	3
Rydberg's Twinpod	<i>Physaria brassicoides</i>			G5	S3	N		N		Y	2a
Sage Willow	<i>Salix candida</i>			G5	S1	N		N		Y	3
Sand Lovegrass	<i>Eragrostis trichodes</i>			G5	S4	N		N		Y	3

Silver Sagebrush	<i>Artemisia cana</i>			G5	SNR	N		N		Y	3
Silver-mounded Candleflower	<i>Cryptantha cana</i>			G5	S2	N		N		Y	2a
Small Fringed Gentian	<i>Gentianopsis procera</i>			G5	S2	N		N		Y	3
Small White Lady's-slipper	<i>Cypripedium candidum</i>			G4	S1	N		N		Y	3
Snow Trillium	<i>Trillium nivale</i>			G4	S2	N		N		Y	3
Western Prairie Fringed Orchid	<i>Platanthera praeclara</i>	T		G3	SH	N		N		Y	1
Woolly Milkweed	<i>Asclepias lanuginosa</i>			G4	S2	N		N		Y	3

^a Federal Status - E= Endangered, a species in danger of extinction throughout all or a significant portion of its range; T = Threatened, a species likely to become endangered in the foreseeable future; C = Candidate for federal listing

^b State Status - E= Endangered, a species in danger of extinction throughout all or a significant portion of its range in South Dakota; T = Threatened, a species likely to become endangered in the foreseeable future in South Dakota

^{c, d} Global/State Rank Definition (applied rangewide for global rank and statewide for state rank; these may change with new information)

G1 S1 = Critically imperiled because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G2 S2 = Imperiled because of rarity (6 to 20 occurrences or few remaining individuals or acres) or because of some factor(s) making it very vulnerable to extinction throughout its range.

G3 S3 = Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range, or vulnerable to extinction throughout its range because of other factors; in the range of 21 of 100 occurrences.

G4 S4 = Apparently secure, though it may be quite rare in parts of its range, especially at the periphery. Cause for long term concern.

G5 S5 = Demonstrably secure, though it may be quite rare in parts of its range, especially at the periphery.

GU SU = Possibly in peril, but status uncertain, more information needed.

GH SH = Historically known, may be rediscovered.

GX SX = Believed extinct, historical records only.

GNR SNR = Not yet ranked or not ranked at the state level because species is not monitored by SD Natural Heritage Program

_T = Rank of subspecies or variety

_Q = Taxonomic status is questionable, rank may change with taxonomy

SP = Potential exists for occurrence in the state, but no occurrences

SR = Element reported for the state but no persuasive documentation

^e2006 SGCN - SGCN selected for the 2006 SDWAP; "Y" = Yes, "N" = No

^f2006 Evaluation – criteria for selection as SGCN in 2006 SDWAP

1 = State or Federal listed species for which the State has a mandate for recovery
2 = Species for which SD represents a significant portion of the species overall range
3 = Species that are indicative of or depend upon a declining or unique habitat in SD

^g2014 SGCN - SGCN selected for the 2014 SD SDWAP; "Y" = Yes, "N" =No

^h2014 Evaluation = Criteria for selection as SGCN in 2014 SDWAP revision

ⁱ2022 Minor Revision – SGCN added; "Y" = Yes, "N" =No

^j2022 Minor Revision = Criteria for selection as SGCN in 2022 minor revision

1 = State or federally listed species for which the state has a mandate for recovery (listed as threatened or endangered);

2a = Species that are regionally or globally imperiled* and for which South Dakota represents an important portion of their remaining range;

2b = Species that are regionally or globally secure* and for which South Dakota represents an important portion of their remaining range; or

3 = Species with characteristics that make them vulnerable, including any of the following:

- are indicative of or depend on a unique or declining habitat in South Dakota;
- require large home ranges/use multiple habitats;
- depend on large habitat patch sizes;
- depend on an ecological process (such as fire) that no longer operates within the historical range of variation;
- are limited in their ability to recover on their own due to low dispersal ability or low reproductive rates;
- have a highly localized or restricted distribution (endemics); or
- concentrate their populations during some time of the year.

*Based, in part, on NatureServe conservation status ranking: <http://www.natureserve.org/explorer/index.htm>

^k Species added during minor revision in 2018, using criterion 3