



2025 North Dakota State Wildlife Action Plan Species of Greatest Conservation Need and Species of Greatest Information Need *DRAFT 7/2/2024*

Congress identified the eight required elements to be addressed in the State Wildlife Action Plans (SWAP), which requires an update every 10 years. Element #1 is: *information on the distribution and abundance of species of wildlife, including low and declining populations as each State fish and wildlife agency deems appropriate, that are indicative of the diversity and health of the State's Species of Greatest Conservation Need (SGCN).* The SWAP must identify and focus on the recovery and conservation of SGCNs yet address the full array of wildlife and wildlife-related issues.

A key step in the SWAP revision process is reviewing the species list. In the 2015 North Dakota (ND) SWAP, the list was referred to as Species of Conservation Priority (SCP) and was divided into 3 different levels of priority. In the 2025 ND SWAP, the principal list will be referred to as Species of Greatest Conservation Need or SGCN and no levels will be assigned. A secondary list has been developed and will be referred to as Species of Greatest Information Need or SGIN. **While SGCNs are known to be at-risk or in decline, SGINs face uncertainty in terms of their status, range, or level of risk.**

Guidance and definitions for identifying the species on the list:

- N.D.C.C. § 20.1-01-02 (59). "Wildlife" means any member of the animal kingdom including any mammal, fish, bird (including any migratory, nonmigratory, or endangered bird for which protection is also afforded by treaty or other international agreement), amphibian, reptile, mollusk, crustacean, or other invertebrate . . . Wildlife does not include domestic animals as defined by section 36-01-00.1 or birds or animals held in private ownership.
- The term "species" includes taxonomic species as well as selected subspecies. If taxonomy is uncertain or the scientific knowledge does not exist to identify to species level, an assemblage or species group may be used.
- Species must be fauna, not flora, and may include aquatic species and invertebrates. States have the option of choosing which taxa to include.
- The list may include both hunted and non-hunted species. States have the option of whether to include game species on the list.

- The list may include federally threatened or endangered species but is not mandatory. In previous ND SWAPS, all federally listed species were included. For the 2025 species list revision, federally listed species that are not known to occur, or occur infrequently, may be omitted, or moved to the SGIN list.
- The list is subject to change as new information becomes available. If it is determined a species is at high or imminent risk, it may be added to the SGCN list prior to the 2035 revision.

List Revision Process

A team of four North Dakota Game and Fish Department Conservation Biologists led the review and development of the 2025 list. The following taxonomic groups were considered: birds, mammals, reptiles, amphibians, fish, terrestrial invertebrates, and aquatic invertebrates. The 2025 list includes a more thorough assessment of terrestrial and aquatic invertebrates compared to previous SWAP efforts. For comparison, the 2015 list only included invertebrates listed as federally threatened or endangered, or under review for listing. Migratory and wintering birds were also evaluated for the 2025 list, whereas previous efforts concentrated mainly on birds that nest in the state.

First, Department staff compiled the information available for species that may be at-risk or declining. For some taxa, such as birds, a tremendous amount of data and expert identified lists of species of concern are available. For many other species evaluated, there is a significant lack of data or even knowledge regarding the presence or distribution of the species in the state. Sources consulted included but was not limited to regional, national, or global watch lists, federal lists, international lists such as COSEWIC, NatureServe, iNaturalist, trend data such as Breeding Bird Survey, or data collected from State Wildlife Grant projects or other recent publications and research. A preliminary list of potential species was shared internally with all Department staff for their review and feedback. The draft list was then sent to partners and experts for review and feedback. Next, expert focus groups based on taxa were established. There were differing opinions on whether to add or remove a species from the list and the smaller focus groups helped the Department make those determinations, including if the species should be categorized as an SGCN or SGIN.

2025 Species of Greatest Conservation Need and Species of Greatest Information Need Criteria/Definitions

SGCN includes species which are one or more of the following:

- a. Regionally or globally imperiled.
- b. At-risk or experiencing declines either regionally or globally and North Dakota represents an important portion of their remaining range.
- c. At-risk based on expert review or recent regional or global assessments.

SGIN includes species which are one or more of the following:

- d. Potentially vulnerable but current scientific knowledge and expert understanding is lacking.
- e. Potentially stable in North Dakota but may be experiencing declines in a substantial portion of their range.
- f. Potentially stable but uncertainty about life history traits may make them at-risk.
- g. Declining regionally or globally but uncertainty regarding the significance of North Dakota to its survival.

Summary of Changes

Table 1. Total number of species by taxa included on the 2015 list compared to the 2025 list.

Taxa	2015 SWAP List	Removed From 2015 List	Added to 2025 SGCN	Moved From 2015 List to 2025 SGIN	Added to 2025 SGIN	Total 2025 SGCN	Total 2025 SGIN	Total SGCN + SGIN
Birds	47	3	16	3	8	57	11	68
Mammals	21	2	3	10	4	12	14	26
Amphibians & Reptiles	11	1	1	5	7	6	12	18
Fishes	22	5	1	2	1	16	3	19
Terrestrial Invertebrates	4	0	19	0	37	22	37	59
Aquatic Invertebrates	10	0	10	0	22	20	22	42
TOTAL	115	11	50	20	79	133	99	232

Table 2. Species of Greatest Conservation Need (SGCN).

SPECIES OF GREATEST CONSERVATION NEED (SGCN)						
Taxa	Subtaxon or Group	Common Name	Scientific Name	a. Regionally or globally imperiled	b. At-risk, ND important	c. At-risk, expert review
Birds	Landbird	American Kestrel	<i>Falco sparverius</i>			X
Birds	Landbird	Baird's Sparrow	<i>Centronyx bairdii</i>	X	X	
Birds	Landbird	Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>			X
Birds	Landbird	Bobolink	<i>Dolichonyx oryzivorus</i>		X	
Birds	Landbird	Brewer's Sparrow	<i>Spizella breweri</i>	X		
Birds	Landbird	Brown Thrasher	<i>Toxostoma rufum</i>			X
Birds	Landbird	Burrowing Owl	<i>Athene cunicularia</i>			X
Birds	Landbird	Chestnut-collared Longspur	<i>Calcarius ornatus</i>	X	X	
Birds	Landbird	Ferruginous Hawk	<i>Buteo regalis</i>		X	
Birds	Landbird	Golden Eagle	<i>Aquila chrysaetos</i>	X		
Birds	Landbird	Grasshopper Sparrow	<i>Ammodramus savannarum</i>		X	
Birds	Landbird	Greater Prairie-Chicken	<i>Tympanuchus cupido</i>	X	X	
Birds	Landbird	Greater Sage-Grouse	<i>Centrocercus urophasianus</i>	X		
Birds	Landbird	Harris's Sparrow	<i>Zonotrichia querula</i>			X
Birds	Landbird	Horned Lark	<i>Eremophila alpestris</i>			X
Birds	Landbird	Lark Bunting	<i>Calamospiza melanocorys</i>	X	X	
Birds	Landbird	LeConte's Sparrow	<i>Ammospiza leconteii</i>		X	
Birds	Landbird	Loggerhead Shrike	<i>Lanius ludovicianus</i>	X		
Birds	Landbird	Nelson's Sparrow	<i>Ammospiza nelsoni</i>		X	
Birds	Landbird	Northern Harrier	<i>Circus hudsonius</i>		X	
Birds	Landbird	Prairie Falcon	<i>Falco mexicanus</i>	X		
Birds	Landbird	Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>			X
Birds	Landbird	Ruffed Grouse	<i>Bonasa umbellus</i>			X
Birds	Landbird	Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>		X	
Birds	Landbird	Short-eared Owl	<i>Asio flammeus</i>			X
Birds	Landbird	Sprague's Pipit	<i>Anthus spragueii</i>	X	X	
Birds	Landbird	Thick-billed Longspur	<i>Rhynchophanes mccownii</i>	X		
Birds	Landbird	Western Meadowlark	<i>Sturnella neglecta</i>		X	
Birds	Shorebird	American Avocet	<i>Recurvirostra americana</i>		X	
Birds	Shorebird	American Golden-Plover	<i>Pluvialis dominica</i>	X		X
Birds	Shorebird	Buff-breasted Sandpiper	<i>Calidris subruficollis</i>			X
Birds	Shorebird	Dunlin	<i>Calidris alpina</i>	X		X

SPECIES OF GREATEST CONSERVATION NEED (SGCN)

Taxa	Subtaxon or Group	Common Name	Scientific Name	a. Regionally or globally imperiled	b. At-risk, ND important	c. At-risk, expert review
Birds	Shorebird	Hudsonian Godwit	<i>Limosa haemastica</i>	X		X
Birds	Shorebird	Lesser Yellowlegs	<i>Tringa flavipes</i>	X		X
Birds	Shorebird	Long-billed Curlew	<i>Numenius americanus</i>	X		
Birds	Shorebird	Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>			X
Birds	Shorebird	Marbled Godwit	<i>Limosa fedoa</i>		X	
Birds	Shorebird	Pectoral Sandpiper	<i>Calidris melanotos</i>			X
Birds	Shorebird	Piping Plover	<i>Charadrius melodus</i>	X	X	
Birds	Shorebird	Ruddy Turnstone	<i>Arenaria interpres</i>	X		X
Birds	Shorebird	Semipalmated Sandpiper	<i>Calidris pusilla</i>			X
Birds	Shorebird	Short-billed Dowitcher	<i>Limnodromus griseus</i>	X		X
Birds	Shorebird	Stilt Sandpiper	<i>Calidris himantopus</i>			X
Birds	Shorebird	Upland Sandpiper	<i>Bartramia longicauda</i>		X	
Birds	Shorebird	Willet	<i>Tringa semipalmata</i>		X	
Birds	Shorebird	Wilson's Phalarope	<i>Phalaropus tricolor</i>	X	X	
Birds	Waterbird	American Bittern	<i>Botaurus lentiginosus</i>		X	
Birds	Waterbird	Black Tern	<i>Chlidonias niger</i>		X	
Birds	Waterbird	Franklin's Gull	<i>Leucophaeus pipixcan</i>		X	
Birds	Waterbird	Horned Grebe	<i>Podiceps auritus</i>	X		
Birds	Waterbird	Least Tern (Interior)	<i>Sternula antillarum</i>	X		
Birds	Waterbird	Western Grebe	<i>Aechmophorus occidentalis</i>		X	
Birds	Waterbird	Whooping Crane	<i>Grus americana</i>	X		
Birds	Waterbird	Yellow Rail	<i>Coturnicops noveboracensis</i>	X	X	
Birds	Waterfowl	Canvasback	<i>Aythya valisineria</i>		X	
Birds	Waterfowl	Lesser Scaup	<i>Aythya affinis</i>		X	
Birds	Waterfowl	Northern Pintail	<i>Anas acuta</i>		X	X
Mammals	Bat	Big Brown Bat	<i>Eptesicus fuscus</i>	X		
Mammals	Bat	Eastern Red Bat	<i>Lasiurus borealis</i>			X
Mammals	Bat	Hoary Bat	<i>Lasiurus cinereus</i>			X
Mammals	Bat	Little Brown Bat	<i>Myotis lucifugus</i>	X		
Mammals	Bat	Northern Long-eared Bat	<i>Myotis septentrionalis</i>	X		
Mammals	Bat	Silver-haired Bat	<i>Lasionycteris noctivagans</i>			X
Mammals	Carnivore	Black-footed Ferret	<i>Mustela nigripes</i>	X		
Mammals	Carnivore	Eastern Spotted Skunk	<i>Spilogale putorius</i>	X		
Mammals	Carnivore	Gray Fox	<i>Urocyon cinereoargenteus</i>	X		
Mammals	Carnivore	Swift Fox	<i>Vulpes velox</i>			X

SPECIES OF GREATEST CONSERVATION NEED (SGCN)

Taxa	Subtaxon or Group	Common Name	Scientific Name	a. Regionally or globally imperiled	b. At-risk, ND important	c. At-risk, expert review
Mammals	Rodent	Black-tailed Prairie Dog	<i>Cynomys ludovicianus</i>	X		
Mammals	Rodent	Richardson's Ground Squirrel	<i>Uroditellus richardsonii</i>		X	
Amphibians	Toad	American Toad	<i>Anaxyrus americanus</i>			X
Amphibians	Toad	Plains Spadefoot	<i>Spea bombifrons</i>			X
Reptile	Lizard	Northern Prairie Skink	<i>Plestiodon septentrionalis</i>			X
Reptile	Snake	Plains Hog-nosed Snake	<i>Heterodon nasicus</i>			X
Reptile	Snake	Smooth Green Snake	<i>Opheodrys vernalis</i>			X
Reptile	Turtle	Snapping Turtle	<i>Chelydra serpentina</i>			X
Fishes	Codfish	Burbot	<i>Lota lota</i>			X
Fishes	Minnow	Blacknose Shiner	<i>Notropis heterolepis</i>			X
Fishes	Minnow	Blue Sucker	<i>Cycleptus elongatus</i>		X	
Fishes	Minnow	Carmine Shiner	<i>Notropis percobromus</i>			X
Fishes	Minnow	Finescale Dace	<i>Chrosomus neogaeus</i>			X
Fishes	Minnow	Flathead Chub	<i>Platygobio gracilis</i>			X
Fishes	Minnow	Hornyhead Chub	<i>Nocomis biguttatus</i>			X
Fishes	Minnow	Northern Pearl Dace	<i>Margariscus nachtriebi</i>			X
Fishes	Minnow	Northern Redbelly Dace	<i>Chrosomus eos</i>			X
Fishes	Minnow	Pugnose Shiner	<i>Notropis anogenus</i>			X
Fishes	Minnow	Sicklefin Chub	<i>Macrhybopsis meeki</i>		X	
Fishes	Minnow	Sturgeon Chub	<i>Macrhybopsis gelida</i>		X	
Fishes	Minnow	Trout-perch	<i>Percopsis omiscomaycus</i>			X
Fishes	Sturgeon	Lake Sturgeon	<i>Acipenser fulvescens</i>	X		
Fishes	Sturgeon	Paddlefish	<i>Polyodon spathula</i>		X	
Fishes	Sturgeon	Pallid Sturgeon	<i>Scaphirhynchus albus</i>	X		
Terrestrial Invertebrates	Bumble Bee	American Bumble Bee	<i>Bombus pensylvanicus</i>	X		X
Terrestrial Invertebrates	Bumble Bee	Indiscriminate Cuckoo Bumble Bee	<i>Bombus insularis</i>			X
Terrestrial Invertebrates	Bumble Bee	Yellow-banded Bumble Bee	<i>Bombus terricola</i>			X
Terrestrial Invertebrates	Bumble Bee	Western Bumble Bee	<i>Bombus occidentalis</i>	X		X
Terrestrial Invertebrates	Bumble Bee	Yellow Bumble Bee	<i>Bombus fervidus</i>	X	X	X
Terrestrial Invertebrates	Solitary Bee	Ainslie's Cuckoo Nomad Bee	<i>Epeolus ainsliei</i>			X
Terrestrial Invertebrates	Tiger Beetle	Ghost Tiger Beetle	<i>Cicindela lepida</i>			X
Terrestrial Invertebrates	Tiger Beetle	Northern Sandy Tiger Beetle	<i>Cicindela limbata nympha</i>			X

SPECIES OF GREATEST CONSERVATION NEED (SGCN)

Taxa	Subtaxon or Group	Common Name	Scientific Name	a. Regionally or globally imperiled	b. At-risk, ND important	c. At-risk, expert review
Terrestrial Invertebrates	Butterfly	Monarch	<i>Danaus plexippus</i>			X
Terrestrial Invertebrates	Butterfly	Mulberry Wing	<i>Poanes massasoit</i>	X		
Terrestrial Invertebrates	Butterfly	Regal Fritillary	<i>Argynnis idalia</i>		X	X
Terrestrial Invertebrates	Butterfly	Tawny Crescent	<i>Phyciodes batesii</i>			X
Terrestrial Invertebrates	Moth	Abbreviated Underwing	<i>Catocala abbreviatella</i>			X
Terrestrial Invertebrates	Moth	Hera Sheepmoth	<i>Hemileuca hera</i>			X
Terrestrial Invertebrates	Moth	Whitney's Underwing	<i>Catocala whitneyi</i>	X		X
Terrestrial Invertebrates	Skipper	Assiniboine Skipper	<i>Hesperia assiniboia</i>			X
Terrestrial Invertebrates	Skipper	Broad-winged Skipper	<i>Poanes viator</i>	X		X
Terrestrial Invertebrates	Skipper	Dakota Skipper	<i>Hesperia dacotae</i>	X	X	X
Terrestrial Invertebrates	Skipper	Dion Skipper	<i>Euphyes dion</i>	X		X
Terrestrial Invertebrates	Skipper	Edwards' Hairstreak	<i>Satyrium edwardsii</i>			X
Terrestrial Invertebrates	Skipper	Hobomok Skipper	<i>Lon hobomok</i>			X
Terrestrial Invertebrates	Skipper	Ottoe Skipper	<i>Hesperia ottoe</i>			X
Terrestrial Invertebrates	Skipper	Poweshiek Skipperling	<i>Oarisma poweshiek</i>	X		X
Aquatic Invertebrates	Dragonfly	Plains Emerald	<i>Somatochlora ensigera</i>			X
Aquatic Invertebrates	Dragonfly	Subarctic Darner	<i>Aeshna subarctica</i>			X
Aquatic Invertebrates	Freshwater Mussel	Black Sandshell	<i>Ligumia recta</i>	X		
Aquatic Invertebrates	Freshwater Mussel	Creek Heelsplitter	<i>Lasmigona compressa</i>		X	
Aquatic Invertebrates	Freshwater Mussel	Creepers	<i>Strophitus undulatus</i>			X
Aquatic Invertebrates	Freshwater Mussel	Deertoe	<i>Truncilla truncata</i>		X	
Aquatic Invertebrates	Freshwater Mussel	Fragile Papershell	<i>Leptodea fragilis</i>			X
Aquatic Invertebrates	Freshwater Mussel	Mapleleaf	<i>Quadrula quadrula</i>			X
Aquatic Invertebrates	Freshwater Mussel	Pink Heelsplitter	<i>Potamilus alatus</i>			X
Aquatic Invertebrates	Freshwater Mussel	Pink Papershell	<i>Potamilus ohioensis</i>		X	
Aquatic Invertebrates	Freshwater Mussel	Threeridge	<i>Amblema plicata</i>			X

SPECIES OF GREATEST CONSERVATION NEED (SGCN)

Taxa	Subtaxon or Group	Common Name	Scientific Name	a. Regionally or globally imperiled	b. At-risk, ND important	c. At-risk, expert review
Aquatic Invertebrates	Freshwater Mussel	Wabash Pigtoe	<i>Fusconaia flava</i>	X		
Aquatic Invertebrates	Mayfly	a mayfly	<i>Raptoheptagenia cruentata</i>			X
Aquatic Invertebrates	Mayfly	a mayfly	<i>Apobaetis lakota</i>			X
Aquatic Invertebrates	Mayfly	a mayfly	<i>Cercobrachys cree</i>			X
Aquatic Invertebrates	Mayfly	a mayfly	<i>Traverella lewisi</i>			X
Aquatic Invertebrates	Mayfly	a sand-dwelling mayfly	<i>Lachlania saskatchewanensis</i>		X	
Aquatic Invertebrates	Stonefly	Dakota Stonefly	<i>Perlesta dakota</i>		X	
Aquatic Invertebrates	Stonefly	Pawnee Stonefly	<i>Perlesta xube</i>			X
Aquatic Invertebrates	Stonefly	Plains Stripetail	<i>Isoperla longiseta</i>			X

Table 3. Species of Greatest Information Need (SGIN). Species denoted with an asterisk (*) have been moved from the 2015 list to the 2025 SGIN list.

SPECIES OF GREATEST INFORMATION NEED (SGIN)							
Taxa	Subtaxon or Group	Common Name	Scientific Name	d. Scientific knowledge deficient	e. Potentially stable in ND, declining in range	f. Potentially stable but life history trait vulnerability	g. Declining, ND significance uncertain
Birds	Landbird	Black-billed Magpie	<i>Pica hudsonia</i>		X	X	
Birds	Landbird	Chimney Swift	<i>Chaetura pelagica</i>				X
Birds	Landbird	Common Nighthawk	<i>Chordeiles minor</i>	X		X	
Birds	Landbird	Eastern Screech-Owl	<i>Megascops asio</i>	X			X
Birds	Landbird	Northern Flicker	<i>Colaptes auratus</i>				X
Birds	Landbird	Peregrine Falcon*	<i>Falco peregrinus</i>			X	
Birds	Landbird	Smith's Longspur	<i>Calcarius pictus</i>	X			
Birds	Landbird	Snowy Owl	<i>Bubo scandiacus</i>	X			
Birds	Landbird	Western Kingbird	<i>Tyrannus verticalis</i>				X
Birds	Shorebird	Red Knot (Rufa)*	<i>Calidris canutus</i>				X
Birds	Waterbird	American White Pelican*	<i>Pelecanus erythrorhynchos</i>			X	
Mammals	Bat	Fringed Myotis	<i>Myotis thysanodes</i>				X
Mammals	Bat	Long-eared Bat*	<i>Myotis evotis</i>	X			
Mammals	Bat	Long-legged Bat*	<i>Myotis volans</i>	X			
Mammals	Bat	Townsend's Big-eared Bat*	<i>Corynorhinus townsendii</i>				X
Mammals	Bat	Western Small-footed Bat*	<i>Myotis ciliolabrum</i>	X			
Mammals	Rodent	Franklin's Ground Squirrel	<i>Poliocitellus franklinii</i>		X		
Mammals	Rodent	Hispid Pocket Mouse*	<i>Chaetodipus hispidus</i>	X			
Mammals	Rodent	Plains Pocket Mouse*	<i>Perognathus flavescens</i>	X			
Mammals	Rodent	Sagebrush Vole*	<i>Lemmyscus curtatus</i>	X			
Mammals	Rodent	Ord's Kangaroo Rat	<i>Dipodomys ordii</i>	X			
Mammals	Shrew	Arctic Shrew*	<i>Sorex arcticus</i>	X			
Mammals	Shrew	Merriam's Shrew*	<i>Sorex merriami</i>	X			
Mammals	Shrew	Northern Water Shrew	<i>Sorex palustris</i>	X			
Mammals	Shrew	Pygmy Shrew*	<i>Sorex minutus</i>	X			
Amphibians	Frog	Cope's Gray Treefrog	<i>Hyla chrysoscelis</i>	X			

SPECIES OF GREATEST INFORMATION NEED (SGIN)

Taxa	Subtaxon or Group	Common Name	Scientific Name	d. Scientific knowledge deficient	e. Potentially stable in ND, declining in range	f. Potentially stable but life history trait vulnerability	g. Declining, ND significance uncertain
Amphibians	Frog	Eastern Gray Treefrog	<i>Hyla versicolor</i>	X			
Amphibians	Frog	Wood Frog	<i>Lithobates sylvaticus</i>			X	
Amphibians	Salamander	Common Mudpuppy	<i>Necturus maculosus</i>	X			
Reptiles	Lizard	Sagebrush Lizard*	<i>Sceloporus graciosus</i>			X	
Reptiles	Lizard	Short-horned Lizard*	<i>Phrynosoma hernandesi</i>			X	
Reptiles	Snake	Common Gartersnake	<i>Thamnophis sirtalis</i>			X	
Reptiles	Snake	Plains Gartersnake	<i>Thamnophis radix</i>			X	
Reptiles	Snake	Red-bellied Snake	<i>Storeria occipitomaculata</i>			X	
Reptiles	Turtle	False Map Turtle*	<i>Graptemys pseudogeographica</i>			X	
Reptiles	Turtle	Smooth Softshell*	<i>Apalone mutica</i>			X	
Reptiles	Turtle	Spiny Softshell*	<i>Apalone spinifera</i>			X	
Fishes	Minnow	silvery minnows	<i>Hybognathus spp.</i> ¹	X			
Fishes	Minnow	Largescale Stoneroller*	<i>Campostoma oligolepis</i>	X			
Fishes	Minnow	Silver Chub*	<i>Macrhybopsis storeriana</i>	X			
Terrestrial Invertebrates	Bumble Bee	Ashton's Cuckoo Bumble Bee	<i>Bombus ashtonii</i>	X			X
Terrestrial Invertebrates	Bumble Bee	Black-and-gold Bumble Bee	<i>Bombus auricomus</i>	X			
Terrestrial Invertebrates	Bumble Bee	Rusty-patched Bumble Bee	<i>Bombus affinis</i>				X
Terrestrial Invertebrates	Bumble Bee	Suckley's Cuckoo Bumble Bee	<i>Bombus suckleyi</i>				X
Terrestrial Invertebrates	Solitary Bee	a leaf-cutter bee	<i>Megachile dakotensis</i>				X
Terrestrial Invertebrates	Solitary Bee	a mason bee	<i>Osmia illinoensis</i>				X
Terrestrial Invertebrates	Solitary Bee	a nomia bee	<i>Nomia universitatis</i>				X
Terrestrial Invertebrates	Solitary Bee	Nude Yellow Loosestrife Bee	<i>Macropis nuda</i>				X
Terrestrial Invertebrates	Solitary Bee	Susanna's Cellophane Bee	<i>Colletes susanna</i>	X			

¹ Genus assemblage.

SPECIES OF GREATEST INFORMATION NEED (SGIN)

Taxa	Subtaxon or Group	Common Name	Scientific Name	d. Scientific knowledge deficient	e. Potentially stable in ND, declining in range	f. Potentially stable but life history trait vulnerability	g. Declining, ND significance uncertain
Terrestrial Invertebrates	Beetle	Nine-spotted Lady Beetle	<i>Coccinella novemnotata</i>				X
Terrestrial Invertebrates	Tiger Beetle	Great Plains Tiger Beetle	<i>Amblycheila cylindriformis</i>	X			
Terrestrial Invertebrates	Tiger Beetle	Sandy Tiger Beetle	<i>Cicindela limbata</i>		X		
Terrestrial Invertebrates	Tiger Beetle	Splendid Tiger Beetle	<i>Cicindela splendida</i>				X
Terrestrial Invertebrates	Butterfly	Baird's Swallowtail	<i>Papilio machaon bairdii</i>	X			
Terrestrial Invertebrates	Butterfly	Gray Copper	<i>Tharsalea dione</i>		X		
Terrestrial Invertebrates	Butterfly	Greenish Blue	<i>Icaricia saepiolus</i>		X		
Terrestrial Invertebrates	Butterfly	Large Marble	<i>Euchloe ausonides</i>				X
Terrestrial Invertebrates	Butterfly	Mead's Wood-Nymph	<i>Cercyonis meadii</i>	X			
Terrestrial Invertebrates	Butterfly	Mormon Metalmark	<i>Apodemia mormo</i>	X			
Terrestrial Invertebrates	Butterfly	Persius Dusky Wing	<i>Erynnis persius</i>				X
Terrestrial Invertebrates	Butterfly	Purplish Copper	<i>Lycaena helloides</i>		X		
Terrestrial Invertebrates	Butterfly	Ridings' Satyr	<i>Neominois ridingsii</i>	X			
Terrestrial Invertebrates	Butterfly	Silvery Blue	<i>Glaucopsyche lygdamus</i>		X		
Terrestrial Invertebrates	Moth	a crambid snout moth	<i>Pyrausta pythialis</i>	X			
Terrestrial Invertebrates	Moth	Juanita Sphinx Moth	<i>Proserpina juanita</i>	X			
Terrestrial Invertebrates	Moth	Leadplant Flower Moth	<i>Schinia lucens</i>	X			
Terrestrial Invertebrates	Moth	Manitoba Oakworm Moth	<i>Anisota manitobensis</i>				X
Terrestrial Invertebrates	Skipper	Arogos Skipper	<i>Atrytone arogos</i>				X
Terrestrial Invertebrates	Skipper	Garita Skipperling	<i>Oarisma garita</i>	X			
Terrestrial Invertebrates	Skipper	Leonard's Skipper	<i>Hesperia leonardus</i>				X
Terrestrial Invertebrates	Skipper	Pahaska Skipper	<i>Hesperia pahaska</i>				X
Terrestrial Invertebrates	Skipper	Plains Branded Skipper	<i>Hesperia assinboia</i>	X			
Terrestrial Invertebrates	Skipper	Rhesus Skipper	<i>Polites rhesus</i>				X
Terrestrial Invertebrates	Skipper	Strecker's Giant-skipper	<i>Megathymus streckeri</i>				X

SPECIES OF GREATEST INFORMATION NEED (SGIN)							
Taxa	Subtaxon or Group	Common Name	Scientific Name	d. Scientific knowledge deficient	e. Potentially stable in ND, declining in range	f. Potentially stable but life history trait vulnerability	g. Declining, ND significance uncertain
Terrestrial Invertebrates	Skipper	Uncas Skipper	<i>Hesperia uncas</i>				X
Terrestrial Invertebrates	Grasshopper	Greenish-white Grasshopper	<i>Hypochlora alba</i>	X			
Terrestrial Invertebrates	Jumping spider	Apache Jumping Spider	<i>Phidippus apacheanus</i>				X
Aquatic Invertebrates	Anostroca	Ornate Fairy Shrimp	<i>Eubbranchipus ornatus</i>		X		
Aquatic Invertebrates	Caddisfly	a giant case maker	<i>Ptilostomus angustipennis</i>	X			
Aquatic Invertebrates	Caddisfly	Long-horned Caddisfly	<i>Oecetis ochracea</i>	X			
Aquatic Invertebrates	Caddisfly	long-horned case makers	<i>Ceraclea spp.</i> ¹	X			
Aquatic Invertebrates	Caddisfly	Footed Micro Caddisfly	<i>Ochrotrichia tarsalis</i>	X			
Aquatic Invertebrates	Caddisfly	Net-spinning Caddisfly	<i>Hydropsyche piatrix</i>	X			
Aquatic Invertebrates	Caddisfly	Northern Caddisfly	<i>Anabolia ozburni</i>	X			
Aquatic Invertebrates	Caddisfly	Northern Case Maker	<i>Limnephilus perpusillus</i>	X			
Aquatic Invertebrates	Dragonfly	Boreal Whiteface	<i>Leucorrhinia borealis</i>	X			
Aquatic Invertebrates	Dragonfly	clubtails	<i>Stylurus spp.</i> ¹	X			
Aquatic Invertebrates	Dragonfly	Paiute Dancer	<i>Argia alberta</i>	X			
Aquatic Invertebrates	Dragonfly	spinylegs	<i>Dromogomphus spp.</i> ¹	X			
Aquatic Invertebrates	Gastropoda	sprites	<i>Promenetus spp.</i> ¹		X		
Aquatic Invertebrates	Hemiptera	Water Scorpion	<i>Nepa apiculata</i>	X			
Aquatic Invertebrates	Mayfly	Flat-headed Mayfly	<i>Stenacron minnetonka</i>	X			
Aquatic Invertebrates	Mayfly	White Sand-river Mayfly	<i>Pseudiron centralis</i>	X			
Aquatic Invertebrates	Mayfly	a sand-dwelling mayfly	<i>Analetris eximia</i>	X			
Aquatic Invertebrates	Mayfly	small minnow mayflies	<i>Camelobaetidius spp.</i> ¹	X			
Aquatic Invertebrates	Mayfly	a small square-gilled mayfly	<i>Sparbarus lacustris</i>	X			
Aquatic Invertebrates	Mayfly	a small square-gilled mayfly	<i>Caenis youngi</i>	X			

¹ Genus assemblage.

SPECIES OF GREATEST INFORMATION NEED (SGIN)							
Taxa	Subtaxon or Group	Common Name	Scientific Name	d. Scientific knowledge deficient	e. Potentially stable in ND, declining in range	f. Potentially stable but life history trait vulnerability	g. Declining, ND significance uncertain
Aquatic Invertebrates	Mayfly	a spiny-headed burrowing mayfly	<i>Pentagenia vittigera</i>	X			
Aquatic Invertebrates	Stonefly	Saskatoon Willowfly (winter stonefly)	<i>Oemopteryx fosketti</i>	X			

The following species were removed from the 2015 list because the species has recovered, or the best available information indicates the species is not at-risk or declining.

Table 4. Species removed from 2015 List.

Taxa	Subtaxon or Group	Common Name	Scientific Name
Birds	Landbird	Bald Eagle	<i>Haliaeetus leucocephalus</i>
Birds	Landbird	Swainson's Hawk	<i>Buteo swainsoni</i>
Birds	Landbird	Dickcissel	<i>Spiza americana</i>
Mammals	Carnivore	American Marten	<i>Martes americana</i>
Mammals	Carnivore	River Otter	<i>Lontra canadensis</i>
Amphibians	Toad	Canadian Toad	<i>Anaxyrus hemiophrys</i>
Fishes	Catfish	Yellow Bullhead	<i>Ameiurus natalis</i>
Fishes	Lamprey	Chestnut Lamprey	<i>Ichthyomyzon castaneus</i>
Fishes	Lamprey	Silver Lamprey	<i>Ichthyomyzon unicuspis</i>
Fishes	Minnow	Logperch	<i>Percina caprodes</i>
Fishes	Minnow	River Darter	<i>Percina shumardi</i>

Taxonomic name changes from 2015 to 2025:

- McCown's Longspur to Thick-billed Longspur