

Appendix F

**Species of Conservation Concern in the
Interlake Plain Ecoregion**

Appendix F: Species of Conservation Concern in the Interlake Plain Ecoregion

Category	Scientific Name	Common Name	Rank
Amphibian	<i>Ambystoma tigrinum</i>	Eastern Tiger Salamander	S2?
Amphibian	<i>Lithobates pipiens</i>	Northern Leopard Frog	S4
Amphibian	<i>Ambystoma laterale</i>	Blue-spotted Salamander	S3S4
Amphibian	<i>Ambystoma mavortium</i>	Western Tiger Salamander	S4S5
Bird	<i>Accipiter cooperii</i>	Cooper's Hawk	S4S5B
Bird	<i>Aechmophorus occidentalis</i>	Western Grebe	S3S4B
Bird	<i>Ammodramus savannarum</i>	Grasshopper Sparrow	S2S3B
Bird	<i>Anthus spragueii</i>	Sprague's Pipit	S2B
Bird	<i>Antrostomus vociferus</i>	Eastern Whip-poor-will	S2S3B
Bird	<i>Ardea alba</i>	Great Egret	S3B
Bird	<i>Ardea herodias</i>	Great Blue Heron	S5B
Bird	<i>Asio flammeus</i>	Short-eared Owl	S2S3B
Bird	<i>Buteo lagopus</i>	Rough-legged Hawk	S2S3B,S4M
Bird	<i>Cardellina canadensis</i>	Canada Warbler	S3B
Bird	<i>Chaetura pelagica</i>	Chimney Swift	S2B
Bird	<i>Charadrius melodus circumcinctus</i>	Piping Plover	S1B
Bird	<i>Chlidonias niger</i>	Black Tern	S4B
Bird	<i>Chordeiles minor</i>	Common Nighthawk	S2S3B
Bird	<i>Coccythraustes vespertinus</i>	Evening Grosbeak	S2S3
Bird	<i>Contopus cooperi</i>	Olive-sided Flycatcher	S2S3B
Bird	<i>Contopus virens</i>	Eastern Wood-pewee	S3B
Bird	<i>Coturnicops noveboracensis</i>	Yellow Rail	S3B
Bird	<i>Cygnus buccinator</i>	Trumpeter Swan	S2B
Bird	<i>Dolichonyx oryzivorus</i>	Bobolink	S3S4B
Bird	<i>Hirundo rustica</i>	Barn Swallow	S4B
Bird	<i>Hydroprogne caspia</i>	Caspian Tern	S3S4B
Bird	<i>Ixobrychus exilis</i>	Least Bittern	S2S3B
Bird	<i>Lanius ludovicianus migrans</i>	Migrant Loggerhead Shrike	SXB
Bird	<i>Larus argentatus</i>	Herring Gull	S5B
Bird	<i>Larus californicus</i>	California Gull	S3B
Bird	<i>Larus delawarensis</i>	Ring-billed Gull	S5B
Bird	<i>Leucophaeus pipixcan</i>	Franklin's Gull	S4B
Bird	<i>Melanerpes erythrocephalus</i>	Red-headed Woodpecker	S3B
Bird	<i>Nycticorax nycticorax</i>	Black-crowned Night-heron	S4B
Bird	<i>Pelecanus erythrorhynchos</i>	American White Pelican	S4B
Bird	<i>Phalacrocorax auritus</i>	Double-crested Cormorant	S5B
Bird	<i>Pipilo erythrophthalmus</i>	Eastern Towhee	S3S4B
Bird	<i>Podiceps auritus</i>	Horned Grebe	S3B
Bird	<i>Podiceps nigricollis</i>	Eared Grebe	S3S4B

Category	Scientific Name	Common Name	Rank
Bird	<i>Riparia riparia</i>	Bank Swallow	S4B
Bird	<i>Sterna forsteri</i>	Forster's Tern	S4B
Bird	<i>Sterna hirundo</i>	Common Tern	S5B
Bird	<i>Strix nebulosa</i>	Great Gray Owl	S3S4
Bird	<i>Strix varia</i>	Barred Owl	S3S4
Bird	<i>Tympanuchus phasianellus</i>	Sharp-tailed Grouse	S5
Bird	<i>Vermivora chrysoptera</i>	Golden-winged Warbler	S2S3B
Fish	<i>Coregonus zenithicus</i>	Shortjaw Cisco	S2
Fish	<i>Ichthyomyzon castaneus</i>	Chestnut Lamprey	SU
Fish	<i>Macrhybopsis storeriana</i>	Silver Chub	S5
Fish	<i>Notropis dorsalis</i>	Bigmouth Shiner	S4
Insect	<i>Danaus plexippus</i>	Monarch	S3S4B
Insect	<i>Erynnis martialis</i>	Mottled Dusky Wing	S1
Insect	<i>Hesperia dacotae</i>	Dakota Skipper	S2
Insect	<i>Oarisma powesheik</i>	Powesheik Skipper	S1
Insect	<i>Wallengrenia egeremet</i>	Northern Broken-dash	S1
Insect	<i>Bombus bohemicus</i>	Ashton Cuckoo Bumble Bee	S1
Insect	<i>Bombus terricola</i>	Yellow-banded Bumble Bee	S3S5
Insect	<i>Danaus plexippus</i>	Monarch	S3S4B
Insect	<i>Erynnis martialis</i>	Mottled Duskywing	S1
Insect	<i>Hesperia dacotae</i>	Dakota Skipper	S2
Insect	<i>Oarisma poweshiek</i>	Powesheik Skipperling	S1
Insect	<i>Phyciodes tharos</i>	Pearl Crescent	S2S3
Insect	<i>Wallengrenia egeremet</i>	Northern Broken-dash	S1
Insect	<i>Arigomphus cornutus</i>	Horned Clubtail	S3
Insect	<i>Epitheca canis</i>	Beaverpond Baskettail	S3
Insect	<i>Anisota manitobensis</i>	Manitoba Oakworm Moth	S2
Insect	<i>Hemileuca nevadensis</i>	Nevada Buckmoth	S3
Insect	<i>Epeoloides pilosulus</i>	Macropis Cuckoo Bee	S1
Insect	<i>Coccinella transversoguttata richardsoni</i>	Transverse Lady Beetle	S3S5
Insect	<i>Phormia regina</i>	Black Blow Fly	S2S3
Mammal	<i>Geomys bursarius</i>	Plains Pocket Gopher	S3
Mammal	<i>Myotis lucifugus</i>	Little Brown Myotis	S2N,S5B
Mammal	<i>Myotis septentrionalis</i>	Northern Myotis	S3S4N,S4B
Mammal	<i>Rangifer tarandus caribou</i>	Woodland Caribou	S2S3
Mammal	<i>Taxidea taxus taxus</i>	American Badger	S4
Mussel	<i>Amblema plicata</i>	Threeridge	S3
Mussel	<i>Fusconaia flava</i>	Wabash Pigtoe	S3
Mussel	<i>Amblema plicata</i>	Threeridge	S3
Mussel	<i>Lasmigona complanata</i>	White Heelsplitter	S3
Mussel	<i>Lasmigona compressa</i>	Creek Heelsplitter	S2

Category	Scientific Name	Common Name	Rank
Mussel	<i>Lasmigona costata</i>	Flutedshell	S2
Mussel	<i>Ligumia recta</i>	Black Sandshell	S3
Mussel	<i>Quadrula quadrula</i>	Mapleleaf Mussel	S1
Mussel	<i>Strophitus undulatus</i>	Creeper	S5
Other	<i>Teloschistes chrysophthalmus</i>	Golden-eye Lichen	S3S4
Other	<i>Orconectes immunis</i>	Calico Crayfish	S3
Other	<i>Botrychium campestre</i>	Prairie Moonwort	S1
Other	<i>Botrychium lunaria</i> var. <i>lunaria</i>	Common Moonwort	S3S4
Other	<i>Botrychium matricariifolium</i>	Daisy-leaved Moonwort	SU
Other	<i>Botrychium simplex</i>	Least Grapefern	S1
Other	<i>Ophioglossum pusillum</i>	Northern Adder's-tongue	S1
Other	<i>Sceptridium multifidum</i>	Leathery Grapefern	S3
Plant-Dicots	<i>Agalinis aspera</i>	Rough Agalinis	S2S3
Plant-Dicots	<i>Agalinis gattereri</i>	Gatterer's Agalinis	S1
Plant-Dicots	<i>Agalinis tenuifolia</i>	Narrow-leaved Agalinis	S3
Plant-Dicots	<i>Agrimonia gryposepala</i>	Common Agrimony	S1S2
Plant-Dicots	<i>Amorpha fruticosa</i>	False Indigo	S1S2
Plant-Dicots	<i>Antennaria plantaginifolia</i>	Plantain-leaved Pussytoes	S1S2
Plant-Dicots	<i>Aphyllon fasciculatum</i>	Clustered Broomrape	S3
Plant-Dicots	<i>Aphyllon ludovicianum</i>	Louisiana Broomrape	S2
Plant-Dicots	<i>Arabidopsis lyrata</i> ssp. <i>lyrata</i>	Lyre-leaved Rockcress	S1S2
Plant-Dicots	<i>Aralia racemosa</i>	Spikenard	S2
Plant-Dicots	<i>Arnica fulgens</i>	Hillside Arnica	S2
Plant-Dicots	<i>Asarum canadense</i>	Wild Ginger	S3S4
Plant-Dicots	<i>Asclepias verticillata</i>	Whorled Milkweed	S3
Plant-Dicots	<i>Astragalus australis</i>	Southern Milkvetch	S1S2
Plant-Dicots	<i>Astragalus neglectus</i>	Neglected Milkvetch	S1
Plant-Dicots	<i>Astragalus pectinatus</i>	Narrow-leaved Milkvetch	S2
Plant-Dicots	<i>Boltonia asteroides</i> var. <i>recognita</i>	White Doll's-daisy	S2S3
Plant-Dicots	<i>Canadanthus modestus</i>	Great Northern Aster	S2
Plant-Dicots	<i>Cardamine bulbosa</i>	Bulbous Bittercress	SH
Plant-Dicots	<i>Caulophyllum thalictroides</i>	Blue Cohosh	S2
Plant-Dicots	<i>Ceanothus herbaceus</i>	New Jersey Tea	S2S3
Plant-Dicots	<i>Chrysosplenium iowense</i>	Iowa Golden-saxifrage	S1
Plant-Dicots	<i>Clematis ligusticifolia</i>	Western Virgin's-bower	S1
Plant-Dicots	<i>Clematis virginiana</i>	Virgin's-bower	S2?
Plant-Dicots	<i>Corispermum americanum</i> var. <i>americanum</i>	American Bugseed	S3
Plant-Dicots	<i>Corispermum villosum</i>	Hairy Bugseed	S1S2
Plant-Dicots	<i>Desmodium canadense</i>	Canada Tick-trefoil	S2
Plant-Dicots	<i>Drosera anglica</i>	Oblong-leaved Sundew	S3S4

Category	Scientific Name	Common Name	Rank
Plant-Dicots	<i>Epilobium brachycarpum</i>	Tall Annual Willowherb	SU
Plant-Dicots	<i>Fraxinus nigra</i>	Black Ash	S2
Plant-Dicots	<i>Gentiana rubricaulis</i>	Closed Gentian	S3
Plant-Dicots	<i>Geranium maculatum</i>	Wild Crane's-bill	S1
Plant-Dicots	<i>Helianthus giganteus</i>	Large Sunflower	S3
Plant-Dicots	<i>Helianthus pauciflorus</i> ssp. <i>pauciflorus</i>	Stiff Sunflower	SU
Plant-Dicots	<i>Hudsonia tomentosa</i>	False Heather	S3
Plant-Dicots	<i>Krigia biflora</i>	Two-flowered Dwarf-dandelion	S2S3
Plant-Dicots	<i>Lactuca canadensis</i>	Canada Lettuce	S3
Plant-Dicots	<i>Lactuca floridana</i>	Woodland Lettuce	SH
Plant-Dicots	<i>Lechea intermedia</i> var. <i>intermedia</i>	Large-pod Pinweed	S1?
Plant-Dicots	<i>Leucophysalis grandiflora</i>	Large White-flowered Ground-cherry	S3S4
Plant-Dicots	<i>Linum sulcatum</i>	Grooved Yellow Flax	S3
Plant-Dicots	<i>Lomatium foeniculaceum</i> ssp. <i>foeniculaceum</i>	Hairy-fruited Parsley	S3
Plant-Dicots	<i>Lomatium macrocarpum</i>	Long-fruited Parsley	S2S3
Plant-Dicots	<i>Lysimachia quadriflora</i>	Whorled Loosestrife	S2
Plant-Dicots	<i>Oenothera perennis</i>	Sundrops	S1
Plant-Dicots	<i>Oxytropis lambertii</i>	Purple Locoweed	S3
Plant-Dicots	<i>Packera tridenticulata</i>	Three-toothed Groundsel	S2
Plant-Dicots	<i>Parietaria pensylvanica</i>	American Pellitory	S3S4
Plant-Dicots	<i>Parnassia parviflora</i>	Small Grass of Parnassia	S1
Plant-Dicots	<i>Penthorum sedoides</i>	Ditch-stonecrop	S1S2
Plant-Dicots	<i>Phryma leptostachya</i> var. <i>leptostachya</i>	American Lopseed	S3
Plant-Dicots	<i>Physostegia virginiana</i> ssp. <i>virginiana</i>	False Dragonhead	S4
Plant-Dicots	<i>Polygala verticillata</i>	Whorled Milkwort	S2
Plant-Dicots	<i>Pyrola americana</i>	Round-leaved Pyrola	S2?
Plant-Dicots	<i>Ranunculus hispidus</i> var. <i>caricetorum</i>	Bristly Buttercup	S2
Plant-Dicots	<i>Salix eriocephala</i>	Heart-leaved Willow	S2S3
Plant-Dicots	<i>Solidago mollis</i>	Velvety Goldenrod	S3
Plant-Dicots	<i>Solidago riddellii</i>	Riddell's Goldenrod	S2S3
Plant-Dicots	<i>Symphyotrichum ericoides</i> var. <i>ericoides</i>	White Heath Aster	S3?
Plant-Dicots	<i>Symphyotrichum sericeum</i>	Western Silvery Aster	S2S3
Plant-Dicots	<i>Teucrium canadense</i> var. <i>occidentale</i>	American Germander	S3
Plant-Dicots	<i>Thalictrum amphibolum</i>	Waxleaf Meadow-rue	S1

Category	Scientific Name	Common Name	Rank
Plant-Dicots	<i>Utricularia cornuta</i>	Horned Bladderwort	S3S4
Plant-Dicots	<i>Utricularia minor</i>	Lesser Bladderwort	S3
Plant-Dicots	<i>Vaccinium cespitosum</i>	Dwarf Bilberry	S3
Plant-Dicots	<i>Veronicastrum virginicum</i>	Culver's-root	S1S2
Plant-Dicots	<i>Viola labradorica</i>	Early Blue Violet	S3
Plant-Dicots	<i>Viola nuttallii</i>	Yellow Prairie Violet	S3
Plant-Dicots	<i>Vitis riparia</i>	Riverbank Grape	S3S4
Plant-Monocots	<i>Achnatherum richardsonii</i>	Richardson's Needlegrass	S1S2
Plant-Monocots	<i>Alisma gramineum</i>	Grass-leaved Water-plantain	S1
Plant-Monocots	<i>Arethusa bulbosa</i>	Dragon's-mouth Orchid	S2
Plant-Monocots	<i>Bouteloua curtipendula</i>	Side-oats Grama	S2
Plant-Monocots	<i>Bromus kalmii</i>	Wild Chess	S2S3
Plant-Monocots	<i>Bromus porteri</i>	Porter's Chess	S2S3
Plant-Monocots	<i>Calamagrostis montanensis</i>	Plains Reedgrass	S3
Plant-Monocots	<i>Calopogon tuberosus</i> var. <i>tuberosus</i>	Tuberous Grass-pink	S2
Plant-Monocots	<i>Carex conoidea</i>	Field Sedge	S1
Plant-Monocots	<i>Carex crawei</i>	Crawe's Sedge	S3?
Plant-Monocots	<i>Carex cryptolepis</i>	Northeastern Sedge	S1
Plant-Monocots	<i>Carex douglasii</i>	Douglas' Sedge	S2
Plant-Monocots	<i>Carex flava</i>	Yellow Sedge	S2
Plant-Monocots	<i>Carex hystericina</i>	Porcupine Sedge	S3
Plant-Monocots	<i>Carex livida</i>	Livid Sedge	S3
Plant-Monocots	<i>Carex parryana</i>	Parry's Sedge	S3
Plant-Monocots	<i>Carex pedunculata</i>	Long-stalked Sedge	S3
Plant-Monocots	<i>Carex sterilis</i>	Sterile Sedge	S2
Plant-Monocots	<i>Carex stricta</i>	Tussock Sedge	S1
Plant-Monocots	<i>Carex supina</i> ssp. <i>spaniocarpa</i>	Weak Arctic Sedge	S2S3
Plant-Monocots	<i>Carex tetanica</i>	Rigid Sedge	S3
Plant-Monocots	<i>Carex vulpinoidea</i>	Fox Sedge	S3
Plant-Monocots	<i>Cladium mariscoides</i>	Smooth Twig-rush	S2S3
Plant-Monocots	<i>Corallorhiza striata</i> var. <i>striata</i>	Striped Coralroot	S3S4
Plant-Monocots	<i>Cyperus erythrorhizos</i>	Red-rooted Flatsedge	S1
Plant-Monocots	<i>Cyperus houghtonii</i>	Houghton's Flatsedge	S2S3
Plant-Monocots	<i>Cypripedium arietinum</i>	Ram's-head Lady's-slipper	S2S3
Plant-Monocots	<i>Cypripedium candidum</i>	Small White Lady's-slipper	S2
Plant-Monocots	<i>Elymus lanceolatus</i>	Thick-spike Wildrye	S3
Plant-Monocots	<i>Elymus lanceolatus</i> ssp. <i>lanceolatus</i>	Thick-spike Wildrye	S3
Plant-Monocots	<i>Festuca hallii</i>	Plains Rough Fescue	S3
Plant-Monocots	<i>Goodyera tessellata</i>	Checkered Rattlesnake-plantain	S2
Plant-Monocots	<i>Hesperostipa curtiseta</i>	Western Porcupine Grass	S3

Category	Scientific Name	Common Name	Rank
Plant-Monocots	<i>Hypoxis hirsuta</i>	Yellow Stargrass	S3S4
Plant-Monocots	<i>Liparis loeselii</i>	Loesel's Twayblade	S3S4
Plant-Monocots	<i>Maianthemum racemosum</i>	Large False Solomon's Seal	SH
Plant-Monocots	<i>Malaxis monophyllos</i> var. <i>brachypoda</i>	White Adder's-mouth	S2?
Plant-Monocots	<i>Malaxis paludosa</i>	Bog Adder's-mouth	S1?
Plant-Monocots	<i>Malaxis unifolia</i>	Green Adder's-mouth	S2?
Plant-Monocots	<i>Muhlenbergia andina</i>	Foxtail Muhly	S1
Plant-Monocots	<i>Muhlenbergia mexicana</i> var. <i>filiformis</i>	Slim-stemmed Mexican Muhly	S3
Plant-Monocots	<i>Nassella viridula</i>	Green Needlegrass	S3S4
Plant-Monocots	<i>Pascopyrum smithii</i>	Western Wheatgrass	S3
Plant-Monocots	<i>Platanthera orbiculata</i>	Round-leaved Bog Orchid	S3S4
Plant-Monocots	<i>Platanthera praeclara</i>	Western Prairie Fringed Orchid	S1
Plant-Monocots	<i>Rhynchospora alba</i>	White Beakrush	S3
Plant-Monocots	<i>Rhynchospora capillacea</i>	Horned Beakrush	S2S3
Plant-Monocots	<i>Sisyrinchium campestre</i>	Prairie Blue-eyed-grass	S3
Plant-Monocots	<i>Spiranthes magnicamporum</i>	Great Plains Ladies'-tresses	S1S2
Plant-other	<i>Claytonomunda claytoniana</i>	Interrupted Fern	S2S3
Plant-other	<i>Onoclea sensibilis</i>	Sensitive Fern	S3?
Plant-other	<i>Pellaea gastonyi</i>	Gastony's Cliffbrake	S1
Plant-other	<i>Pellaea glabella</i> ssp. <i>occidentalis</i>	Western Dwarf Cliffbrake	S2
Plant-other	<i>Huperzia selago</i>	Northern Firmoss	S2S3
Plant-other	<i>Selaginella densa</i>	Prairie Spikemoss	S3
Plant-other	<i>Selaginella selaginoides</i>	Low Spikemoss	S3S4
Reptile	<i>Chelydra serpentina</i>	Snapping Turtle	S3
Reptile	<i>Opheodrys vernalis</i>	Smooth Greensnake	S3S4
Reptile	<i>Thamnophis radix</i>	Plains Gartersnake	S4
Reptile	<i>Thamnophis sirtalis</i>	Common Garter Snake	S4
Reptile	<i>Thamnophis sirtalis parietalis</i>	Red-sided Gartersnake	S4

Current as of February 26, 2024.

Source: Manitoba Conservation Data Centre. Accessed at: <https://gov.mb.ca/nrnd/fish-wildlife/cdc/index.html>

Conservation Data Centre Ranks (Global and Provincial¹)

Species are evaluated and ranked by the Conservation Data Centre on the basis of their range-wide (global - G) status, and their province-wide (subnational - S) status according to a standardized procedure used by all Conservation Data Centres and Natural Heritage Programs. These ranks are used to determine protection and data collection priorities and are revised as new information becomes available.

¹ Provincial rather than Global rankings are included in the species list table in this appendix. Conservation ranking codes access from: Natureserve – Conservation Status Assessment information. Accessed at: <https://www.natureserve.org/conservation-tools/conservation-status-assessment>

For each level of distribution—global and provincial—species are assigned a numeric rank ranging from 1 (very rare) to 5 (demonstrably secure). This reflects the species' relative endangerment and is based primarily on the number of occurrences of that species globally or within the province. However, other information, such as date of collection, degree of habitat threat, geographic distribution patterns and population size and trends, is considered when assigning a rank. The number of occurrences listed below are suggestions, not absolute criteria.

For example, the Green Frog (*Rana clamitans*) is ranked G5, S2. That is, globally the species is abundant and secure, while in Manitoba it is rare and may be vulnerable to extirpation.

Rank	Definition
1	Very rare throughout its range or in the province (5 or fewer occurrences, or very few remaining individuals). May be especially vulnerable to extirpation.
2	Rare throughout its range or in the province (6 to 20 occurrences). May be vulnerable to extirpation.
3	Uncommon throughout its range or in the province (21 to 100 occurrences).
4	Widespread, abundant, and apparently secure throughout its range or in the province, with many occurrences, but the element is of long-term concern (> 100 occurrences).
5	Demonstrably widespread, abundant, and secure throughout its range or in the province, and essentially impossible to eradicate under present conditions.
U	Possibly in peril, but status uncertain; more information needed.
H	Historically known; may be rediscovered.
X	Believed to be extinct; historical records only, continue search.
SNR	A species not ranked. A rank has not yet assigned, or the species has not been evaluated.
SNA	A conservation status rank is not applicable to the element.

Other Heritage Codes

Code	Definition
G#G#	Numeric range rank: A range between two of the numeric ranks. Denotes range of uncertainty about the exact rarity of the species.
S#S#	

Subrank

Code	Definition
T	Rank for subspecific taxon (subspecies, variety, or population); appended to the global rank for the full species, e.g. G4T3.

Qualifiers

Code	Definition
B	Breeding status of a migratory species. Example: S1B,SZN - breeding occurrences for the species are ranked S1 (critically imperiled) in the province, nonbreeding occurrences are not ranked in the province.
N	Non-breeding status of a migratory species. Example: S1B,SZN - breeding occurrences for the species are ranked S1 (critically imperiled) in the province, nonbreeding occurrences are not ranked in the province.

Q	Taxonomic questions or problems involved, more information needed; appended to the global rank.
T	Rank for subspecific taxon (subspecies, variety, or population); appended to the global rank for the full species.
#	A modifier to SX or SH; the species has been reintroduced, but the population is not yet established.
?	Inexact or uncertain; for numeric ranks, denotes inexactness.