

BLM Alaska Special Status Species List - 2019

Eligibility Criteria from BLM 6840 - Special Status Species Manual (2008)

6840.06.2(A) *Species designated as Bureau sensitive must be native species that occur on BLM lands, and for which BLM has significant management capability to affect their conservation status. In addition, one of the following two criteria must also apply:*

(1) *There is information that a species is known or predicted to undergo a downward trend such that viability of the species or a distinct population segment of the species is at risk across all or a significant portion of its range, or*

(2) *The species depends on ecological refugia, specialized habitats or unique habitats, and there is evidence that such areas are threatened with alteration such that the continued viability of the species in that area would be at risk.*

Standardized Formula for Inclusion on Special Status Species List

A standardized formula for determining the BLM Special Status Species (SSS) list inclusion was used to increase transparency and repeatability of the process. However, not all information is published on species status population, trend, and geographic distribution, so some expert input through personal communication was used in situations where information is lacking and specialized knowledge is harbored by a BLM biologist, Alaska Department of Fish and Game (ADFG), or other partner.

SSS LIST CANDIDATE SCREENING FOR ANIMALS AND PLANTS: Does the species occur on BLM-managed land in a way BLM could have “*significant management capability to affect their conservation status*” either positively or negatively AND is the species in a downward trend OR does it rely on threatened unique habitats? If “yes”, the species is a candidate and it goes to the review process below, if “no”, end consideration of the species.

The process for candidate animals is as follows:

1. If the species is an Endangered Species Act Endangered, Threatened, Proposed, or Candidate species, or a species that has been delisted in the last five years, it is automatically on the BLM SSS List as a special status species
2. [NatureServe](#) G4 + S3 or G5 + S2 or higher = “Sensitive”
3. (G5 + S4) + (2 or more of the following: FWS Birds of Conservation Concern or ADFG Stewardship Species or Partners in Flight or Audubon Alaska or Yukon or Weiser 2018) = “Sensitive”
4. (G5 + S4) + Expert input = “Sensitive”
5. G5 + S4 = “Watchlist”
6. (G5 + S5) + other lists and known threats or declines (expert input) = “Watchlist”.

The process for candidate plants is as follows:

1. G1 or G2 or G3 = “Sensitive”, if not, then;
2. S1 = “Sensitive”, if not, then;
3. S2 or S3 = “Watchlist”, if not, then;
4. G3G4 = “Watchlist”.

Note that only “Sensitive” has official BLM status under 6840 policy. The “Watchlist” is a list of species that were candidates for “Sensitive” and did not warrant inclusion, but are recorded to document that process, raise awareness, and retain them for the next Special Status Species List review process. Note that unless otherwise specified, species with a range ranking (e.g. S1S2, G2G3) are rounded to the lower number, following BLM national practices.

BLM SENSITIVE ANIMALS (37)

BIRDS (22)

Scientific Name	Common Name
<i>Brachyramphus brevirostris</i>	Kittlitz's Murrelet
<i>Branta canadensis occidentalis</i>	Dusky Canada Goose
<i>Calcarius pictus</i>	Smith's Longspur
<i>Calidris alpina arctica</i>	Dunlin <i>arctica</i>
<i>Calidris canutus roselaari</i>	Red Knot
<i>Calidris ptilocnemis ptilocnemis</i>	Bering Sea (Pribilof Island) Rock Sandpiper
<i>Calidris subruficollis</i>	Buff-breasted Sandpiper
<i>Contopus cooperi</i>	Olive-sided Flycatcher
<i>Euphagus carolinus</i>	Rusty Blackbird
<i>Gavia adamsii</i>	Yellow-billed Loon
<i>Gavia stellata</i>	Red-throated Loon
<i>Limosa fedoa beringiae</i>	Marbled Godwit
<i>Limosa haemastica</i>	Hudsonian Godwit
<i>Limosa lapponica</i>	Bar-tailed Godwit
<i>Numenius phaeopus rufiventris</i>	Whimbrel
<i>Numenius borealis</i>	Eskimo Curlew (ESA E – presumed extinct)
<i>Numenius tahitiensis</i>	Bristle-thighed Curlew
<i>Onychoprion aleuticus</i>	Aleutian Tern
<i>Plectrophenax hyperboreus</i>	McKay's Bunting
<i>Poecile cinctus lathamii</i>	Gray-headed Chickadee
<i>Polysticta stelleri</i>	Steller's Eider (ESA T)
<i>Somateria fischeri</i>	Spectacled Eider (ESA T)

MAMMALS¹ (4)

Scientific Name	Common Name
<i>Bison bison athabasca</i>	Wood Bison (ESA T, 10(j))
<i>Enhydra lutris kenyoni</i>	Northern Sea Otter (ESA T)
<i>Odobenus rosmarus divergens</i>	Pacific Walrus
<i>Ursus maritimus</i>	Polar Bear (ESA T, CH)

INVERTEBRATES (8)

Scientific Name	Common Name
<i>Acentrella feropagus</i>	Mayfly (no common name)
<i>Alaskaperla ovibovis</i>	Alaska Sallfly
<i>Bombus bohemicus</i>	Ashton Cuckoo Bumble Bee, Gypsy Cuckoo Bumble Bee
<i>Bombus distinguendus</i>	Northern Yellow Bumble Bee, Great Yellow Bumble Bee
<i>Bombus kluanensis</i>	Bumble Bee (no common name)
<i>Bombus perplexus</i>	Confusing Bumble Bee
<i>Bombus suckleyi</i>	Suckley's Cuckoo Bumble Bee
<i>Rhithrogena ingalik</i>	Alaska Endemic Mayfly

FISH (3)

Scientific Name	Common Name
<i>Lampetra alaskensis</i>	Alaskan Brook Lamprey
<i>Onchorhynchus mykiss</i>	Steelhead (Gulkana River)
<i>Salvelinus alpinus</i>	Arctic Char (Kigluaik Mtns)

ESA – Endangered Species Act, E – Endangered, T – Threatened, 10(j) – ESA section 10(j) experimental population, CH – ESA Critical Habitat

¹ Note that numerous ESA and MMPA marine mammal species may occur in areas where BLM has management authority of marine areas or may be impacted by offsite effects related to BLM actions (e.g. marine vessel traffic). These species are not included on this list, but would necessitate additional BLM impacts analysis.

BLM SENSITIVE PLANTS (51)

Scientific Name	Common Name	Family
<i>Antennaria densifolia</i>	Denseleaf Pussytoes	Asteraceae
<i>Arnica lonchophylla</i> ssp. <i>lonchophylla</i> (<i>A. lonchophylla</i>)	Longleaf Arnica	Asteraceae
<i>Artemisia globularia</i> var. <i>lutea</i>	Purple Wormwood	Asteraceae
<i>Artemisia senjavinensis</i>	Arctic Wormwood	Asteraceae
<i>Botrychium spathulatum</i>	Spoon-leaf Moonwort	Ophioglossaceae
<i>Carex laxa</i>	Weak Sedge	Cyperaceae
<i>Carex parryana</i>	Parry Sedge	Cyperaceae
<i>Claytonia ogilviensis</i>	Ogilvie Mountain Springbeauty	Montiaceae
<i>Cochlearia sessilifolia</i>	Sessileleaf Scurvygrass	Brassicaceae
<i>Cryptantha shackletteana</i>	Shacklette's Cryptantha	Boraginaceae
<i>Douglasia arctica</i> (<i>Androsace americana</i>)	Mackenzie's River Douglasia	Primulaceae
<i>Douglasia beringensis</i> (<i>Androsace beringensis</i>)	Arctic Dwarf-Primrose	Primulaceae
<i>Draba micropetala</i>	Small-flowered Draba	Brassicaceae
<i>Draba murrayi</i>	Kathul Mountain Draba	Brassicaceae
<i>Draba ogilviensis</i>	Ogilvie Range Draba	Brassicaceae
<i>Draba pauciflora</i>	Fewflower Draba	Brassicaceae
<i>Erigeron muirii</i>	Muir's fleabane	Asteraceae
<i>Gentianopsis richardsonii</i>	no common name	Gentianaceae
<i>Juncus articulatus</i>	Jointed Rush	Juncaceae
<i>Mertensia drummondii</i>	Drummond's Bluebells	Boraginaceae
<i>Micranthes nelsoniana</i> ssp. <i>insularis</i>	no common name	Saxifragaceae
<i>Micranthes porsildiana</i> (<i>M. nelsoniana</i> var. <i>porsildiana</i>)	Porsild's Saxifrage	Saxifragaceae
<i>Montia vassilievii</i> ssp. <i>vassilievii</i>	Bostock's Minerslettuce	Montiaceae
<i>Orobanche uniflora</i>	Naked Broom-rape	Orobanchaceae
<i>Oxytropis kokrinensis</i>	Kokrines Locoweed	Fabaceae
<i>Papaver gorodkovii</i>	Arctic Poppy	Papaveraceae
<i>Parrya nauruaq</i>	Naked-stemmed Wallflower	Brassicaceae
<i>Pedicularis hirsuta</i>	Hairy Lousewort	Orobanchaceae
<i>Phacelia mollis</i>	Soft Phacelia	Hydrophyllaceae
<i>Physaria calderi</i>	Calder's Bladderpod	Brassicaceae
<i>Pleuropogon sabinei</i>	False Semaphoregrass	Poaceae
<i>Poa hartzii</i> ssp. <i>alaskana</i>	Alaskan Bluegrass	Poaceae
<i>Poa macrantha</i>	Seashore Bluegrass	Poaceae
<i>Poa porsildii</i>	Porsild's Bluegrass	Poaceae
<i>Poa sublanata</i>	no common name	Poaceae
<i>Podistera yukonensis</i>	Yukon Podistera	Apiaceae
<i>Potentilla fragiformis</i>	Strawberry Cinquefoil	Rosaceae
<i>Primula tschuktschorum</i>	Chukchi Primrose	Primulaceae
<i>Puccinellia banksiensis</i>	no common name	Poaceae
<i>Puccinellia vaginata</i>	Sheathed Alkaligrass	Poaceae
<i>Ranunculus pacificus</i>	Pacific Buttercup	Ranunculaceae
<i>Ranunculus ponojensis</i>	no common name	Ranunculaceae
<i>Ranunculus turneri</i> ssp. <i>turneri</i>	no common name	Ranunculaceae
<i>Romanzoffia unalaschcensis</i>	Alaska Mistmaiden	Hydrophyllaceae
<i>Rumex aureostigmaticus</i>	no common name	Polygonaceae

Scientific Name	Common Name	Family
<i>Rumex beringensis</i>	Bering Sea Dock	Polygonaceae
<i>Rumex krausei</i>	Krause's Sorrel	Polygonaceae
<i>Smelowskia johnsonii</i>	no common name	Brassicaceae
<i>Smelowskia pyriformis</i>	Pearshaped Smelowskias	Brassicaceae
<i>Symphotrichum pygmaeum</i>	Pygmy Aster	Asteraceae
<i>Symphotrichum yukonense</i>	Yukon Aster	Asteraceae

Plant species scientific names follow Alaska Center for Conservation Science (ACCS), and include synonyms from Integrated Taxonomic Information System (ITIS). Common names from ITIS and NatureServe.

Note that the entire species is included on the list unless there is a subspecies or variety specifically noted in the scientific name or a run (for fish) noted in the common name. The taxonomy of species and subspecies varies by taxa and was recommended by various Alaska-based taxa experts.

The BLM SSS list is used for BLM planning purposes in order to avoid and minimize potential negative impacts of a proposed project on SSS, and to prevent the need to list these species under the Endangered Species Act. The BLM also uses the list to raise awareness of rare and under-surveyed species and to prompt BLM staff to collect more data, which helps better understand the status and distribution of these species.

WATCHLIST ANIMALS (30)

Birds (12)

Scientific Name	Common Name
<i>Asio flammeus</i>	Short-eared Owl
<i>Aquila chrysaetos</i>	Golden Eagle
<i>Chen canagica</i>	Emperor Goose
<i>Cygnus buccinator</i>	Trumpeter Swan
<i>Dendragapus obscurus</i>	Blue (Sooty) Grouse
<i>Dendroica striata</i>	Blackpoll Warbler
<i>Dendroica townsendi</i>	Townsend's Warbler
<i>Falco rusticolus</i>	Gyr Falcon
<i>Limnodromus griseus</i>	Short-billed Dowitcher
<i>Pluvialis dominica</i>	American Golden Plover
<i>Riparia riparia</i>	Bank Swallow
<i>Selasphorus rufus</i>	Rufous Hummingbird

Mammals (5)

Scientific Name	Common Name
<i>Lepus othus</i>	Alaska Hare
<i>Mustela americana</i>	American Marten (Kenai subspecies)
<i>Myotis lucifugus</i>	Little Brown Bat
<i>Spermophilus parryii</i> ² (<i>Urocitellus parryi</i>)	Arctic Ground Squirrel ²
<i>Synaptomys borealis</i>	Northern Bog Lemming

Invertebrates (9)

Scientific Name	Common Name
<i>Oeneis alpina</i>	Eskimo Arctic
<i>Bombus bifarius</i>	Two Form Bumble Bee
<i>Bombus centralis</i>	Central Bumble Bee
<i>Bombus insularis</i>	Indiscriminate Cuckoo Bumble Bee
<i>Bombus neoboreus</i>	Active Bumble Bee
<i>Bombus occidentalis</i>	Western Bumble Bee
<i>Bombus sitkensis</i>	Sitka Bumble Bee
<i>Callophrys augustinus</i>	Brown Elfin
<i>Callophrys polios</i>	Hoary Elfin

Any of the 374 Alaska endemic invertebrates when found on BLM-managed lands³

Fish (4)

Scientific Name	Common Name
<i>Oncorhynchus keta</i>	Chum Salmon (Clear Creek)
<i>Oncorhynchus tshawytscha</i>	Chinook Salmon (Beaver Creek)
<i>Oncorhynchus tshawytscha</i>	Chinook Salmon (Norton Sound)
<i>Oncorhynchus tshawytscha</i>	Chinook Salmon (Yukon Riv.)

² The 2010 BLM list had Osgood's Arctic Ground Squirrel (*Spermophilus parryii osgoodi*) listed as Sensitive. Due to uncertain subspecies taxonomy and range differentiation, the entire species has been shifted to the Watchlist and should be reviewed as more information becomes available.

³ These species have been identified by experts at University of Alaska Fairbanks and have been recommended for inclusion by ADFG. Further coordination with experts will work to reduce this list to species potentially impacted by BLM actions. For the species list, see the [Arctos Database](#).

WATCHLIST PLANTS (39)

Scientific Name	Common Name	Family
<i>Agoseris glauca</i>	Pale Dandelion	Asteraceae
<i>Alyssum obovatum</i>	American Madwort	Brassicaceae
<i>Ambrosia chamissonis</i>	Silver Bur Ragweed	Asteraceae
<i>Arenaria longipedunculata</i>	Longstem Sandwort	Caryophyllaceae
<i>Artemisia tanacetifolia</i>	no common name	Asteraceae
<i>Astragalus robbinsii</i> var. <i>harringtonii</i>	Harold's Milkvetch	Fabaceae
<i>Botrychium alaskense</i>	Alaska Moonwort	Ophioglossaceae
<i>Cardamine blaisdellii</i>	Small-leaf Bittercres	Brassicaceae
<i>Carex deflexa</i> var. <i>deflexa</i>	Northern Sedge	Cyperaceae
<i>Carex peckii</i>	Peck's Sedge	Cyperaceae
<i>Carex phaeocephala</i>	Dunehead Sedge	Cyperaceae
<i>Castilleja hyetophila</i>	Coastal Red Indian Paintbrush	Orobanchaceae
<i>Cypripedium parviflorum</i> var. <i>exiliens</i>	no common name	Orchidaceae
<i>Draba densifolia</i>	Denseleaf Draba	Brassicaceae
<i>Draba macounii</i>	Macoun's Draba	Brassicaceae
<i>Draba mulliganii</i>	Mulligan's Draba	Brassicaceae
<i>Erigeron porsildii</i>	Largeflower Fleabane	Asteraceae
<i>Eriogonum flavum</i> var. <i>aquilinum</i>	Alpine Golden Buckwheat	Polygonaceae
<i>Erysimum angustatum</i> (<i>Erysimum capitatum</i> var. <i>capitatum</i>)	Dawson Wallflower	Brassicaceae
<i>Gentianella propinqua</i> ssp. <i>aleutica</i>	Fourpart Dwarf Gentian	Gentianaceae
<i>Gentianopsis barbata</i> ssp. <i>barbata</i>	no common name	Gentianaceae
<i>Juncus tenuis</i>	Field Rush	Juncaceae
<i>Koeleria asiatica</i>	Eurasian Junegrass	Poaceae
<i>Micranthes nudicaulis</i> ssp. <i>nudicaulis</i>	no common name	Saxifragaceae
<i>Oxygraphis glacialis</i>	Kamchatka Buttercup	Ranunculaceae
<i>Oxytropis arctica</i> var. <i>barnebyana</i>	Barneby's Locoweed	Fabaceae
<i>Phyllospadix serrulatus</i>	Toothed Surfgrass	Zosteraceae
<i>Plagiobothrys orientalis</i>	Oriental Popcornflower	Boraginaceae
<i>Potamogeton subsibiricus</i>	Yenisei River Pondweed	Potamogetonaceae
<i>Potentilla drummondii</i>	Drummond's Cinquefoil	Rosaceae
<i>Potentilla stipularis</i>	Stipulated Cinquefoil	Rosaceae
<i>Puccinellia vahliana</i>	Vahl's Alkaligrass	Poaceae
<i>Puccinellia wrightii</i> ssp. <i>wrightii</i>	no common name	Poaceae
<i>Ranunculus camissonis</i> (<i>R. glacialis</i> var. <i>camissonis</i>)	Glacier Buttercup	Ranunculaceae
<i>Rosa woodsii</i> ssp. <i>woodsii</i>	Woods' Rose	Rosaceae
<i>Salix planifolia</i>	Tea-leaf Willow	Salicaceae
<i>Saxifraga adscendens</i> ssp. <i>oregonensis</i>	Wedgeleaf Saxifrage	Saxifragaceae
<i>Saxifraga rivularis</i> ssp. <i>arctolitoralis</i>	Weak Saxifrage	Saxifragaceae
<i>Vicia americana</i>	American Vetch	Fabaceae

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