

SPECIAL STATUS SPECIES

Plants

A plant species is designated with a conservation ranking as a special status plant based on its global (Global Rank) and subnational (State Rank) statuses, indicating conservation concern levels such as vulnerable (G3 or S3), imperiled (G2 or S2), or critically imperiled (G1 or S1). This designation is important because it helps prioritize conservation efforts and proactive measures to avoid potential ESA listings. The Idaho Fish and Wildlife Information System houses species-specific and spatial dataset assemblages (IDFG 2024a).

Distribution categories are used to indicate the general abundance of a species as: rare – single to few documented occurrences; localized – common within a limited area; and widespread – common across much of the INL Site. The category of unknown distribution characterizes species that have the potential to occur within the INL Site but have not yet been documented.

Wildflowers

Common Name	Scientific Name	Global Rank	State Rank	Distribution
alpine collomia	<i>Collomia debilis</i>	G5	S3	unknown
ballhead Ipomopsis	<i>Ipomopsis congesta</i> ssp. <i>crebrifolia</i> [†]	T4	S1	unknown
Beckwith's milkvetch	<i>Astragalus beckwithii</i>	G5	S3	unknown
Blue Mountain catchfly	<i>Silene scaposa</i>	G4	S3	unknown
broadkeel milkvetch	<i>Astragalus platytropis</i>	G5	S3	unknown
Coville's Indian paintbrush	<i>Castilleja covilleana</i>	G3	SNR	rare
Cusick's giant hyssop	<i>Agastache cusickii</i>	G3G4	S2	unknown
Custer milkvetch	<i>Astragalus amnis-amissi</i> [†]	G3	S3	unknown
desert dodder	<i>Cuscuta denticulata</i>	G4G5	S1	rare
false chicken-sage	<i>Vesicarpa potentilloides</i>	G3	S1	unknown
fineleaf Hymenopappus	<i>Hymenopappus filifolius</i> var. <i>idahoensis</i>	G5T3	S3	localized
green princesplume	<i>Stanleya viridiflora</i>	G4	S3	widespread
hairy suncup	<i>Camissonia pubens</i>	G3	SNR	rare
hidden buckwheat	<i>Eriogonum capistratum</i>	G4	S2	unknown
hidden phacelia	<i>Phacelia inconspicua</i> [†]	G2	S1S2	rare
hillside milkvetch	<i>Astragalus collinus</i> var. <i>collinus</i>	G5T5	S1	unknown
hoary phacelia	<i>Phacelia incana</i>	G3	SNR	rare
Hooker's buckwheat	<i>Eriogonum hookeri</i> [†]	G5	S1	localized
Idaho twinpod	<i>Physaria didymocarpa</i> ssp. <i>lyrata</i>	T3	S2	unknown
imperfect buckwheat	<i>Eriogonum mancum</i>	G4	S2	localized
King bladderpod	<i>Lesquerella kingii</i>	G5	S3	rare
King's compact sandwort	<i>Eremogone kingii</i> var. <i>glabrescens</i>	G4	S1	unknown
Lemhi milkvetch	<i>Astragalus aquilonius</i> [†]	G3	S3	rare
manybranched ipomopsis	<i>Ipomopsis polycladon</i> [†]	G4	S2	localized
meadow milkvetch	<i>Astragalus diversifolius</i> [†]	G2	S1	unknown
Middle Butte bladderpod	<i>Lesquerella obdeltata</i> [†]	G2	S2	rare
nakedstem gymnosteris	<i>Gymnosteris nudicaulis</i>	G4	S3	localized
narrowleaf four o'clock	<i>Mirabilis linearis</i>	G5	S1	unknown
narrowleaf oxytheca	<i>Oxytheca dendroidea</i>	G4	S3	rare



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Newberry's milkvetch	<i>Astragalus newberryi</i>	G5	S2	unknown
painted milkvetch	<i>Astragalus ceramicus</i> var. <i>apus</i>	G4T3	S3	widespread
Payson's bladderpod	<i>Physaria carinata</i>	G3	SNR	unknown
Picabo milkvetch	<i>Astragalus oniciformis</i>	G3	S3	unknown
plains milkvetch	<i>Astragalus gilviflorus</i> [†]	G5	S2	rare
railhead milkvetch	<i>Astragalus terminalis</i>	G3	SNR	unknown
Railroad canyon buckwheat	<i>Eriogonum soliceps</i> [†]	G3	S1	unknown
Rocky Mountain groundsel	<i>Packera streptanthifolia</i>	G5	S3	unknown
rosy pussypaws	<i>Cistanthe rosea</i>	G5	S2	rare
shortflower monkeyflower	<i>Mimulus breviflorus</i>	G4	S2	rare
shortflower monkeyflower	<i>Mimulus breviflorus</i>	G4	S2	unknown
smallflower gymnosteris	<i>Gymnosteris parvula</i>	G4	S3	unknown
smooth goosefoot	<i>Chenopodium subglabrum</i>	G3	—	rare
spiny milkvetch	<i>Astragalus kentrophyta</i> var. <i>jessiae</i>	G5T4	S3	unknown
St. Anthony evening-primrose	<i>Oenothera psammophila</i> [†]	G3	S3	unknown
Torrey's desert dandelion	<i>Malacothrix torreyi</i>	G4	S2	rare
white cushion fleabane	<i>Erigeron disparipilus</i>	G3	S3	unknown
white sand verbena	<i>Abronia mellifera</i> [*]	G4	S1	rare
wingfruit suncup	<i>Camissonia pterosperma</i> [†]	G4	S2	localized

† indicates a BLM Special Status Species ranking (BLM 2022). * indicates a Species of Greatest Conservation or Information Need under the IDFG SWAP (IDFG 2024b).

Grasses

Common Name	Scientific Name	Global Rank	State Rank	Distribution
blue grama	<i>Bouteloua gracilis</i> [†]	G5	S2	unknown
littleseed ricegrass	<i>Piptatherum micranthum</i> [†]	G5	S1	unknown
salmon wildrye	<i>Leymus salinus</i> ssp. <i>salmonis</i>	T3	SNR	localized
sand wildrye	<i>Leymus flavesceus</i>	G3	SNR	localized
Swallen's mountain-ricegrass	<i>Achnatherum swallenii</i>	G3	S3	rare
Webber's needlegrass	<i>Achnatherum webberi</i>	G4	S3	rare

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Shrubs and Cacti

Common Name	Scientific Name	Global Rank	State Rank	Distribution
iodinebush	<i>Allenrolfea occidentalis</i> [†]	G5	S1	unknown
mountain ball cactus	<i>Pediocactus simpsonii</i> [†]	G5?	S3	localized
Parry's rabbitbrush	<i>Ericameria parryi</i>	G5	S3	unknown
silver chickensage	<i>Sphaeromeria argentea</i>	G3	SNR	localized

† indicates a BLM Special Status Species ranking (BLM 2022). ? indicates the rank is estimated and is significantly likely to change by two rank levels.

Trees

Common Name	Scientific Name	Global Rank	State Rank	Distribution
whitebark pine	<i>Pinus albicaulis</i>[†]	G3	S3	unknown

Bold indicates a species protected under the Endangered Species Act. † indicates a BLM Special Status Species ranking (BLM 2022).

* indicates a Species of Greatest Conservation or Information Need under the IDFG SWAP (IDFG 2024b).

Cryptograms

Common Name	Scientific Name	Global Rank	State Rank	Distribution
an Earth lichen	<i>Heteropladidium congestum</i>	G4	S2	rare
Hall's orthotrichum moss	<i>Orthotrichum hallii</i>	G4	S1	unknown
Idaho Rock-posy Lichen	<i>Rhizoplaca idahoensis</i>	G2	S2	unknown
Idaho Rock-shield lichen	<i>Xanthoparmelia idahoensis</i>	G2	S1	unknown
whiteworm lichen	<i>Thamnolia subuliformis</i>	G5	S2	unknown

References

BLM, 2022, "Update to the Idaho Bureau of Land Management (BLM) Special Status Plant List," June 2022, Idaho Bureau of Land Management, Boise, ID. <https://www.blm.gov/policy/id-im-2022-011>

IDFG, 2024a, "Species Diversity Data Partners" webpage, Idaho Fish and Game Natural Heritage, Boise, ID. <https://idfg.idaho.gov/species/partners>.

IDFG, 2024b, "Idaho State Wildlife Action Plan 2023," January 2024, Idaho Department of Fish and Game, Boise, ID. <https://idfg.idaho.gov/species/taxa/sgcn>



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