

## THE IDAHO NATIVE PLANT SOCIETY RARE PLANT LIST – FEB. 2007

The Idaho Rare Plant List has three main divisions:

GLOBALLY RARE = Species and varieties or subspecies rare throughout their range.

STATE RARE = Taxa rare within the political boundaries of Idaho, but more common elsewhere.

REVIEW = Taxa that may be of conservation concern in Idaho, but which lack sufficient information to base a recommendation regarding their appropriate classification on the Idaho Rare Plant List.

Global conservation ranks used to assign taxa to the first two groups are based on a system developed by The Nature Conservancy and used by the Natural Heritage and Conservation Data Center network (NatureServe). Using this one-through-five ranking system, taxa ranked G1-G3 are assigned to one of the INPS GLOBALLY RARE categories. Taxa ranked G4 or G5 are assigned to one of the INPS STATE RARE categories.

There are four INPS GLOBALLY RARE categories: Globally Extinct (GX), Global Priority 1 (GP1), Global Priority 2 (GP2), and Global Priority 3 (GP3). In addition, each globally rare species that is not currently listed as Endangered or Threatened under the federal Endangered Species Act receives a Threat Priority rank. This one-through-twelve rank is based on the old U.S. Fish and Wildlife Service (USFWS) Listing Priority criteria. In the past, these rankings have helped the INPS make and prioritize recommendations to the USFWS for the federal Candidate list, as well as other conservation efforts. INPS STATE RARE species are assigned to one of five categories: Taxa believed to be extirpated from Idaho (SX), State Priority 1 (SP1), State Priority 2 (SP2), Sensitive (S), or Monitor (M). NatureServe ranks and all INPS categories are defined below. USFWS federal listing categories and threat priority criteria are also defined.

### DEFINITIONS

#### **Global Conservation Status ranks (NatureServe)**

G = Global rank indicator; denotes rank based on rangewide status.

T = Trinomial rank indicator; denotes rangewide status of variety or subspecies.

GX = Believed to be extinct throughout its range.

G1 = Critically imperiled: critically imperiled globally because of extreme rarity or because of some factor(s) making it especially vulnerable to extinction. Typically 5 or fewer occurrences.

G2 = Imperiled: imperiled globally because of rarity or because of factor(s) making it very vulnerable to extinction or elimination. Typically 6 to 20 occurrences.

G3 = Vulnerable: vulnerable globally either because very rare and local throughout its range, found only in a restricted range (even if abundant at some locations), or because of other factors making it vulnerable to extinction or elimination. Typically 21 to 100 occurrences.

G4 = Apparently Secure: uncommon, but not rare (although it may be rare in parts of its range, particularly on the periphery), and usually widespread. Apparently not vulnerable in most of its range, but possible cause for long-term concern. Typically more than 100 occurrences.

G5 = Secure: Common, widespread, and abundant (although it may be rare in parts of its range, particularly on the periphery). Not vulnerable in most of its range. Typically with considerably more than 100 occurrences.

Note: the term "occurrences" refers specifically to element occurrences. An element occurrence is an area of land and/or water in which a species or natural community is, or was present. It is the method used by members of the NatureServe network to delineate the geographic location of elements of conservation concern.

#### **INPS Categories – Globally Rare**

Globally Extinct (GX) = Believed to be extinct throughout its range.

Global Priority 1 (GP1) = critically imperiled globally because of extreme rarity or because of some factor(s) making it especially vulnerable to extinction. Typically 5 or fewer occurrences.

Global Priority 2 (GP2) = imperiled globally because of rarity or because of factor(s) making it very vulnerable to extinction or elimination. Typically 6 to 20 occurrences.

Global Priority 3 (GP3) = vulnerable globally either because very rare and local throughout its range, found only in a restricted range (even if abundant at some locations), or because of other factors making it vulnerable to extinction or elimination. Typically 21 to 100 occurrences.

## **INPS Categories – State Rare**

Taxa believed to be extirpated from Idaho (SX) = Taxa known in Idaho only from historical (pre-1920) records or otherwise considered extirpated from the state.

State Priority 1 (SP1) = Taxa in danger of becoming extinct or extirpated from Idaho in the foreseeable future if identifiable factors contributing to their decline continue to operate. These are taxa whose populations are present only at critically low levels or whose habitats have been degraded or depleted to a significant degree.

State Priority 2 (SP2) = Taxa likely to be classified as Priority 1 within the foreseeable future in Idaho, if factors contributing to their population decline or habitat degradation or loss continue.

Sensitive (S) = Taxa with small populations or localized distributions within Idaho that presently do not meet the criteria for classification as Priority 1 or 2, but whose populations and habitats may be jeopardized without active management or removal of threats.

Monitor (M) = Taxa common within a limited range in Idaho, as well as those which are uncommon, but have no identifiable threats (e.g., certain alpine taxa).

## **USFWS Status Categories**

ENDANGERED = taxa in danger of extinction throughout all or a significant portion of their range.

THREATENED = taxa likely to become endangered in the foreseeable future throughout all or a significant portion of their range.

CANDIDATE = taxa for which substantial biological information exists on file to support a proposal to list as Endangered or Threatened, but no proposal has yet been published in the Federal Register.

## **Threat Priority**

<u>Priority</u>	<u>Taxonomy</u>	<u>Threat Magnitude</u>	<u>Threat Immediacy</u>
1	Monotypic genus	High	Imminent
2	Species	High	Imminent
3	Subspecies/Variety	High	Imminent
4	Monotypic genus	High	Non-imminent
5	Species	High	Non-imminent
6	Subspecies/Variety	High	Non-imminent
7	Monotypic genus	Low	Imminent
8	Species	Low	Imminent
9	Subspecies/Variety	Low	Imminent
10	Monotypic genus	Low	Non-imminent
11	Species	Low	Non-imminent
12	Subspecies/Variety	Low	Non-imminent

## **ORGANIZATION**

The Idaho Rare Plant List currently contains 280 Globally rare and State rare vascular plant, 23 lichen and 16 bryophyte species. The species have been grouped by geographic region to facilitate discussion at the Rare Plant Conference. The six geographic divisions are Northern, North-central, West-central, Southwestern, Southeastern, and East-central Idaho. Within each geographic group, plants are listed alphabetically by category. The Threat Priority rank for all Global Priority 1, 2, and 3 category species is also listed. The lichens and bryophytes are listed separately. A list of the 122 Review category species (106 vascular, 6 lichen, 10 bryophyte) is also provided. All species with any 2007 changes are indicated by yellow highlighting.

Rare Plant Species list for the **NORTHERN IDAHO** region organized by INPS status category. This region includes the Idaho Panhandle area. The list contains 65 species restricted to, or occurring primarily in Northern Idaho. It contains the majority of peatland habitat and moonwort species that may also occur elsewhere in Idaho.

### Globally rare

BOTRYCHIUM LINEARE – GP1, ? (Candidate)

BOTRYCHIUM PARADOXUM – GP2, ?

BOTRYCHIUM ASCENDENS – GP3, 8

BOTRYCHIUM CRENULATUM – GP3, 11

BOTRYCHIUM MONTANUM – GP3, 8

BOTRYCHIUM PEDUNCULOSUM – GP3, 5

**CALLITRICHE TROCHLEARIS – GP3, ?**

GRINDELIA HOWELLII – GP3, 5

### State rare

ERYNGIUM ARTICULATUM – SX

JUNCUS BOLANDERI – SX

NYMPHAEA LEIBERGII – SX

VIBURNUM OPULUS VAR AMERICANUM – SX

ANDROMEDA POLIFOLIA – SP1

ASPENIUM TRICHOMANES – SP1

ASTRAGALUS BOURGOVII – SP1

ASTRAGALUS MICROCYSTIS – SP1

CAREX CHORDORRHIZA – SP1

CAREX COMOSA – SP1

CAREX LACUSTRIS – SP1

CYPRIPEDIUM PARVIFLORUM V. PUBESCENS – SP1

DROSER A INTERMEDIA – SP1

ERIOPHORUM VIRIDICARINATUM – SP1

LUDWIGIA POLYCARPA – SP1

MAIANTHEMUM DILATATUM – SP1

RHYNCHOSPORA ALBA – SP1

RIBES SANGUINEUM – SP1

RUBUS SPECTABILIS – SP1

THALICTRUM DASYCARPUM – SP1

TRICHOPHORUM ALPINUM

=SCIRPUS HUDSONIANUS) – SP1

VIOLA SELKIRKEYI – SP1

BOTRYCHIUM SIMPLEX – SP2

(=CAREX PAUPERCU LA) – SP2

GAULTHERIA HISPIDULA – SP2

HYPERICUM MAJUS – SP2

LYCOPODIELLA INUNDATA – SP2

PHEGOPTERIS CONNECTILIS – SP2

(=THELYPTERIS PHEGOPTERIS)

POLYSTICHUM BRAUNII – SP2

SALIX PEDICELLARIS – SP2

SCHEUCHZERIA PALUSTRIS – SP2

VACCINIUM OXYCOCCOS – SP2

ASTER JUNCIFORMIS - S

BETULA PUMILA - S

BLECHNUM SPICANT - S

BOTRYCHIUM LANCEOLATUM V. LANCEOLATUM - S

BOTRYCHIUM MINGANENSE - S

BOTRYCHIUM PINNATUM - S

CAREX LEPTALEA - S

CAREX LIVIDA - S

CAREX ROSTRATA - S

CICUTA BULBIFERA - S

DIPHASIASTRUM SITCHENSE - S

DRYOPTERIS CRISTATA - S

IRIS VERSICOLOR - S

LYCOPODIUM DENDROIDEUM - S

ROMANZOFFIA SITCHENSIS - S

SALIX CANDIDA - S

SCHOENOPLECTUS SUBTERMINALIS - S

(=SCIRPUS SUBTERMINALIS)

STREPTOPUS STREPTOPOIDES - S

TRIENTALIS ARCTICA - S

VALLISNERIA AMERICANA - S

CAREX FLAVA – M

EPILOBIUM PALUSTRE – M

PETASITES SAGITTATUS - M

SANICULA MARILANDICA - M

TELLIMA GRANDIFLORA - M

Rare Plant Species list for the **NORTH-CENTRAL IDAHO** region organized by INPS status category. This region includes the Clearwater, Palouse Prairie, Camas Prairie, Craig Mountain, and Northern Salmon River Mountain areas. The list contains 51 species restricted to, or occurring primarily in North-Central Idaho.

### Globally rare

ASTRAGALUS ASOTINENSIS – GP1, 2

MIMULUS AMPLIATUS – GP1, 5

PHLOX IDAHONIS – GP1, 2

ASTRAGALUS ARRECTUS – GP2, 2

CREPIS BAKERI SSP IDAHOENSIS – GP2, 3

DOUGLASIA IDAHOENSIS – GP2, 11

HOWELLIA AQUATILIS – GP2 (Threatened)

PYRROCOMA LIATRIFORMIS – GP2, 2

TRIFOLIUM PLUMOSUM VAR AMPLIFOLIUM – GP2, 6

ANDREAEA HEINEMANNII – GP3, ? (moss)

ASTRAGALUS ADANUS – GP3, ?

ASTRAGALUS PAYSONII – GP3, 11

CALOCHORTUS NITIDUS – GP3, 8

CARDAMINE CONSTANCEI – GP3, 8

CIRSIIUM BREVI-FOLIUM – GP3, 5

CORYDALIS CASEANA SSP HASTATA – GP3, 12

DASYNOTUS DAUBENMIREI – GP3, 10

HAPLOPAPPUS HIRTUS V. SONCHIFOLIUS – GP3, 6

LOMATIUM SALMONIFLORUM – GP3, 8

SILENE SPALDINGII – GP3 (Threatened)

SYMPHYOTRICHUM JESSICAE – GP3, 2

SYNTHYRIS PLATYCARPA – GP3, 11

TAUSCHIA TENUISSIMA – GP3, 11

TRIFOLIUM DOUGLASII – GP3, 2

WALDSTEINIA IDAHOENSIS - GP3, 11

IVESIA TWEEDYI - M

MIMULUS CLIVICOLA - M

RIBES WOLFII - M

SEDUM BORSCHII - M

TRIENTALIS LATIFOLIA - M

### State rare

ASTRAGALUS RIPARIUS – SX

CORNUS NUTTALLII – SP1

MIMULUS ALSINOIDES – SP1

OXALIS TRILLIIFOLIA – SP1

PETASITES FRIGIDUS VAR PALMATUS – SP1

POLYPODIUM GLYCYRRHIZA – SP1

RUPERTIA PHYSODES – SP1

(=PSORALEA PHYSODES)

SPIRANTHES PORRIFOLIA – SP1

THELYPTERIS NEVADENSIS – SP1

TRIANTHA OCCIDENTALIS SSP BREVI-STYLA – SP1

(=TOFIELDIA GLUTINOSA VAR BREVI-STYLA)

CYPRIPEDIUM FASCICULATUM – SP2

PENTAGRAMMA TRIANGULARIS SSP

TRIANGULARIS – SP2

ALLOTROPA VIRGATA - S

MERTENSIA BELLA - S

OROBANCHE PINORUM – S

PSILOCARPHUS TENELLUS – S

CAREX CALIFORNICA - M

CHRYSOTHAMNUS NAUSEOSUS SSP NANUS - M

DODECATHEON DENTATUM - M

CEPHALANTHERA AUSTINIAE - M

(=EBUROPHYTON AUSTINIAE)

Rare Plant Species list for the **WEST-CENTRAL IDAHO** region organized by INPS status category. This region includes the Hells Canyon; Seven Devils; Weiser River; West, Payette, Boise, and western Salmon River Mountains; and Sawtooth Range areas. The list contains 31 species restricted to, or occurring primarily in West-Central Idaho.

#### **Globally rare**

CAREX ABORIGINUM – GP1, 2

MIMULUS HYMENOPHYLLUS – GP1, 11

CALOCHORTUS MACROCARPUS VAR MACULOSUS  
– GP2, 3

DRABA TRICHOCARPA – GP2, 11

ERIOGONUM MELEDONUM – GP2, 11

LEPTODACTYLON PUNGENS SSP HAZELIAE – GP2,  
12

MIRABILIS MACFARLANEI – GP2 (Threatened)

RUBUS BARTONIANUS – GP2, 8

SAXIFRAGA BRYOPHORA VAR TOBIASIAE – GP2, 6

ALLIUM MADIDUM – GP3, 8

ALLIUM TOLMIEI VAR PERSIMILE – GP3, 12

**ASTRAGALUS ADANUS – GP3, ?**

CALAMAGROSTIS TWEEDYI – GP3, 8

HACKELIA CRONQUISTII – GP3, 11

HAPLOPAPPUS RADIATUS – GP3, 11

MIMULUS PATULUS – GP3, 2

THLASPI IDAHOENSE VAR AILEENIAE – GP3, 12

#### **State rare**

ASTRAGALUS VEXILLIFLEXUS VAR VEXILLIFLEXUS  
– SP1

CEANOTHUS PROSTRATUS – SP1

CUSCUTA DENTICULATA – SP1

HIEROCHLOE ODORATA – SP1

LEWISIA KELLOGGII – SP1

PERAPHYLLUM RAMOSSISIMUM – SP2

ALLIUM VALIDUM - S

CAREX STRAMINIFORMIS - S

EPIPACTIS GIGANTEA – S

POLYSTICHUM KRUCKEBERGII - S

SANICULA GRAVEOLENS - S

CAMASSIA CUSICKII - M

HALIMOLOBOS PERPLEXA VAR PERPLEXA - M

THELYPODIUM LACINIATUM VAR

STREPTANTHOIDES - M

Rare Plant Species list for the **SOUTHWESTERN IDAHO** region organized by INPS status category. This region includes the Western Snake River Plain and surrounding foothills, Owyhee Mountains, and Owyhee Plateau areas. The list contains 50 species restricted to, or occurring primarily in Southwestern Idaho.

**Globally rare**

ASTRAGALUS CUSICKII VAR PACKARDIAE – GP1, 3  
**LEPTODACTYLON GLABRUM – GP1, 11**

ASTRAGALUS MULFORDIAE – GP2, 2  
CYMOPTERUS ACAULIS VAR GREELEYORUM –  
GP2, 6  
ERIOGONUM SHOCKLEYI VAR PACKARDIAE – GP2,  
9  
LOMATIUM PACKARDIAE – GP2, 8  
MENTZELIA MOLLIS – GP2, 2  
MIMULUS EVANESCENS – GP2, ?

ALLIUM AASEAE – GP3, 8  
**ASTRAGALUS ADANUS – GP3, ?**  
**ASTRAGALUS CUSICKII VAR. STERILIS – GP3, 12**  
ASTRAGALUS YODER-WILLIAMSII – GP3, 11  
CHAENACTIS CUSICKII – GP3, 8  
ERIOGONUM OCHROCEPHALUM VAR CALCAREUM  
– GP3, 12  
ERIOGONUM PROCIDUUM VAR MYSTRIUM – GP3, ?  
HACKELIA OPHIOBIA – GP3, 11  
LEPIDIUM DAVISII – GP3, 5  
**LEPIDIUM PAPILLIFERUM – GP3, 2**  
PHACELIA LUTEA VAR CALVA – GP3, 12  
PHACELIA MINUTISSIMA – GP3, 5  
POGOGYNE FLORIBUNDA – GP3, 2  
**STANLEYA CONFERTIFLORA – GP3, 2**  
TRIFOLIUM OWYHEENSE – GP3, 2

**State rare**

ANGELICA KINGII – SP1  
ANTIRRHINUM KINGII – SP1  
ASTRAGALUS TETRAPTERUS – SP1  
BLEPHARIDACHNE KINGII – SP1  
CLEOMELLA PLACOSPERMA – SP1  
DOWNINGIA INSIGNIS – SP1  
ERIOGONUM PALMERIUM – SP1  
ERYNGIUM ALISMAEFOLIUM – SP1  
PENSTEMON JANISHIAE – SP1  
PSATHYROTES ANNUA – SP1  
TEUCRIUM CANADENSE VAR OCCIDENTALE – SP1

DIMERESIA HOWELLII – SP2  
ERIOGONUM SHOCKLEYI VAR SHOCKLEYI – SP2  
IPOMOPSIS POLYCLADON – SP2

ASTRAGALUS CONJUNCTUS - S  
ASTRAGALUS NEWBERRYI VAR CASTOREUS - S  
CHAENACTIS STEVIOIDES – S  
DOWNINGIA BACIGALUPII - S  
EATONELLA NIVEA - S  
GLYPTOPLEURA MARGINATA - S  
HAPLOPAPPUS UNIFLORUS VAR. HOWELLII - S  
LUPINUS UNICIALIS - S  
NEMAACLADUS RIGIDUS - S  
PETERIA THOMPSONIAE - S

ASTRAGALUS PURSHII VAR OPHIOGENES - M  
CYPERUS BIPARTITUS (=CYPERUS RIVULARIS) - M  
DAMASONIUM CALIFORNICUM - M  
PEDIOCACTUS SIMPSONII - M

Rare Plant Species list for the **SOUTHEASTERN IDAHO** region organized by INPS status category. This region includes the Middle and Upper Snake River Plains, Bennett Hills, Fairfield Camas Prairie, South Hills, Basin and Range south of the Snake River, and Bear Lake areas. The list contains 28 species restricted to, or occurring primarily in Southeastern Idaho.

#### **Globally rare**

**CASTILLEJA CHRISTII – GP1, 2 (Candidate)**

ANTENNARIA ARCUATA – GP2, 5

ASTRAGALUS ANSERINUS – GP2, 2

**\*ERICAMERIA DISCOIDEA VAR. WINWARDII**

**(=ERICAMERIA WINWARDII) – GP2, ?**

MUSINEON LINEARE – GP2, 11

PENSTEMON COMPACTUS – GP2, 8

PENSTEMON IDAHOENSIS – GP2, 11

**ASTRAGALUS ADANUS – GP3, ?**

ASTRAGALUS JEJUNUS VAR JEJUNUS – GP3, 9

ASTRAGALUS ONICIFORMIS – GP3,11

CYMOPTERUS DAVISII – GP3, 11

LESQUERELLA PAYSONII – GP3, 11

HAPLOPAPPUS INSECTICRURIS – GP3, 11

OENOTHERA PSAMMOPHILA – GP3, 8

**SPIRANTHES DILUVIALIS – GP3 (Threatened)**

#### **State rare**

ALLENROLFEA OCCIDENTALIS – SP1

ASPLENIUM SEPTENTRIONALE – SP1

ASPLENIUM TRICHOMANES-RAMOSUM – SP1

CERCOCARPUS MONTANUS – SP1

CRYPTANTHA SERICEA – SP1

EUPATORIUM MACULATUM – SP1

SPOROBOLUS COMPOSITUS VAR COMPOSITUS

(=SPOROBOLUS ASPER) – SP1

ALLIUM ANCEPS – SP2

SPHAEROMERIA POTENTILLOIDES – SP2

TOWNSENDIA SCAPIGERA – SP2

HYMENOXYIS COOPERI - S

SALICORNIA RUBRA - S

ASTRAGALUS ATRATUS VAR INSEPTUS – M

Rare Plant Species list for the **EAST-CENTRAL IDAHO** region organized by INPS status category. This region includes the eastern Salmon River, White Cloud, Pioneer, Boulder, White Knob, Lost River, Lemhi, and Beaverhead Mountain Ranges and associated valleys, Challis Volcanics, Craters of the Moon, and Yellowstone areas. The list contains 63 species restricted to, or occurring primarily in east-central Idaho.

### Globally rare

CHRYSOTHAMNUS PARRYI SSP  
MONTANUS – GP1, 12  
PHACELIA INCONSPICUA – GP1, 5  
PHYSARIA DIDYMOCARPA VAR LYRATA – GP1, 3  
**RHIZOPLACA IDAHOENSIS – GP1, 11 (lichen)**  
  
ASTRAGALUS DIVERSIFOLIUS – GP2, 11  
ASTRAGALUS VEXILLIFLEXUS V. NUBILUS – GP2, 12  
CAREX IDAHOA – GP2, 9  
COLLOMIA DEBILIS VAR CAMPORUM – GP2, 12  
ERIOGONUM CAPISTRATUM VAR WELSHII – GP2, 9  
ERIOGONUM SOLICEPS – GP2, 11  
POA ABBREVIATA SSP MARSHII – GP2, 12  
PRIMULA ALCALINA – GP2, 8

**AGASTACHE CUSICKII – GP3, 11**  
**ASTRAGALUS ADANUS – GP3, ?**  
ASTRAGALUS AMBLYTROPIS – GP3, 11  
ASTRAGALUS AMNIS-AMISSI – GP3, 11  
ASTRAGALUS AQUILONIUS – GP3, 5  
CASTILLEJA PULCHELLA – GP3, 11  
CYMPTERUS DOUGLASSII – GP3, 11  
ERIGERON SALMONENSIS – GP3, 11  
HACKELIA DAVISII – GP3, 11  
OXYTROPIS BESSEYI VAR SALMONENSIS – GP3, 12  
PENSTEMON LEMHIENSIS – GP3, 11  
SULLIVANTIA HAPEMANII VAR HAPEMANII – GP3, 12  
THELYPODIUM REPANDUM – GP3, 11

### State rare

PAPAVER RADICATUM VAR KLUANENSE – SX  
  
ARTEMISIA CAMPESTRIS SSP BOREALIS VAR  
PURSHII – SP1  
ASTRAGALUS GILVIFLORUS – SP1  
BOUTELOUA GRACILIS – SP1  
CHRYSOSPLENIUM TETRANDRUM – SP1  
CLAYTONIA LANCEOLATA VAR MULTISCAPA - SP1  
(=CLAYTONIA MULTISCAPA)  
LOMATOGONIUM ROTATUM – SP1  
PRIMULA INCANA – SP1  
SILENE URALENSIS SSP MONTANA – SP1  
TRICHOPHORUM PUMILUM – SP1  
(=SCIRPUS ROLLANDII)  
  
CAREX INCURVIFORMIS – SP2  
DRABA FLADNIZENSIS – SP2  
DRABA GLOBOSA – SP2  
ELEOCHARIS ELLIPTICA - SP2  
(=ELEOCHARIS TENUIS)  
GENTIANELLA TENELLA – SP2  
KOBRESIA SIMPLICIUSCULA – SP2  
PICEA GLAUCA – SP2  
PIPTATHERUM MICRANTHUM – SP2  
(=ORYZOPSIS MICRANTHA)  
SALIX FARRIAE – SP2

SALIX GLAUCA – SP2  
SALIX PSEUDOMONTICOLA – SP2  
  
AGOSERIS LACKSCHEWITZII - S  
ASTRAGALUS BISULCATUS VAR BISULCATUS – S  
CAMISSONIA PTEROSPERMA - S  
CAREX ENGELMANNII – S  
(=CAREX BREWERI VAR PADDOENSIS)  
CORYPHANTHA VIVIPARA - S  
DRABA INCERTA - S  
PHACELIA LYALLII - S  
RANUNCULUS PYGMAEUS - S  
SAXIFRAGA CERNUA - S  
  
ASTRAGALUS LEPTALEUS - M  
ERIGERON HUMILIS - M  
GENTIANELLA PROPINQUA - M  
PARNASSIA KOTZEBUEI VAR KOTZEBUEI - M  
RANUNCULUS GELIDUS – M  
SAXIFRAGA ADSCENDENS VAR OREGONENSIS - M  
SILENE SCAPOSA VAR LOBATA - M  
TELESONIX JAMESII – M

Rare Plant list for **LICHENS** organized by geographic region. The list contains 23 lichen species for Idaho.

#### **NORTHERN IDAHO**

CETRARIA SEPINCOLA - SP1  
CLADONIA BELLIDIFLORA - SP1  
CLADONIA TRANSCENDENS – SP2  
CLADONIA UNCIALIS - SP1  
COLLEMA CURTISPORUM - GP3, 11  
PILOPHORUS CLAVATUS - SP1

#### **NORTH-CENTRAL IDAHO**

BRYORIA TORTUOSA - S  
CLADONIA ANDEREGGII - GP1, ?  
HYPOGYMNIA INACTIVA – SP2  
LOBARIA LINITA – SP2  
LOBARIA SCROBICULATA – SP2  
PILOPHORUS ACICULARIS – SP2  
PLATISMATIA HERREI – SP2  
PSEUDOCYPHELLARIA ANOMALA – S  
RAMALINA POLLINARIA – SP2  
SPHAEROPHORUS GLOBOSUS - S

#### **WEST-CENTRAL IDAHO**

DERMATOCARPON LORENZIANUM - GP2, 11

#### **SOUTHWESTERN IDAHO**

CATAPYRENIUM CONGESTUM - S  
TEXOSPORIUM SANCTI-JACOBI - GP2, 1

#### **EAST-CENTRAL IDAHO**

CLADONIA LUTEOALBA - GP2, 8  
**RHIZOPLACA IDAHOENSIS – GP1, 11**  
THAMNOLIA SUBULIFORMIS - SP1  
XANTHOPARMELIA IDAHOENSIS - GP2, 8

Rare Plant list for **BRYOPHYTES** organized by geographic region. The list contains 16 bryophyte species for Idaho.

#### **NORTHERN IDAHO**

BUXBAUMIA VIRIDIS – M  
GRIMMIA BRITTONIAE - GP2, 11  
SPHAGNUM MENDOCINUM – SP2  
ULOTA MEGALOSPORA – SP1

#### **NORTH-CENTRAL IDAHO**

**ANDREAEA HEINEMANNII – GP3, ?**  
BUXBAUMIA APHYLLA – SP1  
**HELODIUM BLANDOWII – S**  
HOOKERIA LUCENS – SP2  
ORTHOTRICHUM HOLZINGERI - GP2, ?  
RHIZOMNIUM NUDUM – SP2  
SPHAEROCARPOS HIANS - GP1, ?  
TRIPTEROCLADIUM LEUCOCLADULUM – S

#### **WEST-CENTRAL IDAHO**

BRYUM CALOBRYOIDES - GP3, 2  
SCHISTOSTEGA PENNATA – S

#### **EAST-CENTRAL IDAHO**

MEESIA LONGISETA – SP1  
ORTHOTRICHUM HALLII – SP1

INPS **REVIEW** category species for Idaho.

**Vascular plant species**

ACORUS AMERICANUS  
ANEMONE CYLINDRICA  
ARABIS HASTATULA  
ARABIS LASIOCARPA  
ARABIS SPARSIFLORA VAR. ATRORUBENS  
ARGEMONE MUNITA SSP. ROTUNDIFOLIA  
ARTEMISIA SP. NOVA (BRUNEAU)  
ASTRAGALUS SHULTZIORUM  
BACOPA ROTUNDIFOLIA  
BIDENS BECKII  
BOTRYCHIUM CAMPESTRE  
BOTRYCHIUM LUNARIA  
BOTRYCHIUM MICHIGANENSE  
BROMUS ALEUTENSIS  
CALANDRINIA CILIATA  
CALLITRICHE MARGINATA  
CAMISSONIA BOOTHII SSP. BOOTHII  
CAMISSONIA PALMERI  
CAREX ABRUPTA  
CAREX FOENA (=CAREX AENEA)  
CAREX BIPARTITUS (=CAREX LACHENALII)  
CAREX CRAWEI  
CAREX EBENEA  
CAREX MISANDRA (=CAREX FULIGINOSA)  
CAREX OCCIDENTALIS  
CAREX PALLESCENS  
CAREX TUMULICOLA  
CASSIOPE MERTENSIANA SSP.  
MERTENSIANA  
CASTILLEJA OCCIDENTALIS  
CASTILLEJA PECKIANA  
CRASSULA AQUATICA  
(= TILLAEA AQUATICA)  
CREPIS PLEUROCARPA  
CRYPTANTHA BREVIFLORA  
CRYPTANTHA CAESPITOSA  
CRYPTANTHA CELOSIODES  
CRYPTANTHA PROPRIA  
CRYPTANTHA SIMULANS  
CYMPTERUS HENDERSONII  
CYMPTERUS IBAPENSIS  
CYPERUS ODORATUS  
**DELPHINIUM GLAUDESCENS**  
**DRABA HITCHCOCKII**  
DRABA OREIBATA VAR. OREIBATA  
EPILOBIUM CANUM VAR. GARRETTII  
(=ZAUSCHNERIA GARRETTII)  
ERIOGONUM DESERTORUM  
ERIOGONUM HOOKERI  
ERIOGONUM PALMERIANUM  
ERIOGONUM SP. NOVUM (WAR EAGLE MTN)  
ERIOPHORUM ANGUSTIFOLIUM SSP.  
ANGUSTIFOLIUM  
(= ERIOPHORUM POLYSTACHION)  
EUTHAMIA GRAMINIFOLIA  
(=SOLIDAGO GRAMINIFOLIA)  
GEUM ROSSII VAR. ROSSII  
HACKELIA SP. NOVA (SLEEPING DEER MTN)  
HAPLOPAPPUS BLOOMERI  
HAPLOPAPPUS INTEGRIFOLIUS SSP.  
INTEGRIFOLIUS  
HAPLOPAPPUS RACEMOSUS VAR.  
GLOMERELLUS  
HETEROTHECA BARBATA  
HETEROTHECA VILLOSA VAR. DEPRESSA  
JUNCUS BREVICAUDATUS  
(=JUNCUS TWEEDYI)  
JUNCUS BRYOIDES  
JUNCUS HALLI I  
JUNCUS HEMIENDYTUS VAR. ABJECTUS  
JUNCUS PHAEOCEPHALUS  
JUNCUS TIEHMII  
JUNCUS VASEYI  
KOBRESIA MYOSUROIDES  
(=KOBRESIA BELLARDII)  
LATHYRUS POLYPHYLLUS  
**LEPIDIUM PAYSONII**  
**LESQUERELLA PROSTRATA**  
LOEFLINGIA SQUARROSA VAR. SQUARROSA  
LOMATIUM IDAHOENSE  
**LOMATIUM RAVENII**  
MENTZELIA CONGESTA  
MIMULUS RINGENS  
MINUARTIA STRICTA (UNKNOWN VAR)  
MITELLA NUDA  
MUHLENBERGIA GLOMERATA  
MUHLENBERGIA RACEMOSA  
NASSELA VIRIDULA  
(=STIPA VIRIDULA)  
OROGENIA FUSIFORMIS  
**PENSTEMON LAXUS**  
PENSTEMON SEORSUS  
**PHYSARIA INTEGRIFOLIA**  
PLANTAGO ERIOPODA  
PLANTAGO TWEEDYI

**REVIEW** (Continued)

PLATANThERA OBTUSATA  
POA PAUCISPICULA  
POTAMOGETON DIVERSIFOLIUS  
POTENTILLA BIPINNATIFIDA  
POTENTILLA PARADOXA  
SAGITTARIA RIGIDA  
SCLEROLINON DIGYNUM  
SEDUM RUPICOLUM  
SILENE SUKSDORFII  
SOLANUM HETERODOXUM  
SOLIDAGO SPECTABILIS  
SPARGANIUM EMERSUM  
    (=SPARGANIUM CHLOROCARPUM)  
STANLEYA TOMENTOSA VAR. RUNCINIATA  
THELYPODIUM FLEXUOSUM  
THELYPODIUM PANICULATUM  
TRICHOSTEMA OBLONGUM  
TRIFOLIUM LONGIPES VAR.  
    MULTIPEDUNCULATUM  
UTRICULARIA GIBBA  
VIOLA SEPTENTRIONALIS

**Lichen species**

ASPICILIA FRUTICULOSA  
CALICIUM CORYNELLUM  
FUSCOPANNARIA SAUBINETII  
PELTIGERA PACIFICA  
RAMALINA SUBLEPTOCARPA  
XANTHOPARMELIA CAMTSCHADALIS

**Bryophyte species**

AMPHIDIUM CALIFORNICUM  
DENDROALSIA ALBIETINA  
ORTHOTRICHUM CONSIMILE  
ORTHOTRICHUM STRIATUM  
PORELLA NAVICULARIS (liverwort)  
RACOMITRIUM VARIUM  
SCAPANIA APICULATA (liverwort)  
SCAPANIA BOLANDERI (liverwort)  
TAYLORIA SERRATA  
ULOTA CURVIFOLIA