

# RESULTS OF THE TWENTY-FOURTH IDAHO RARE PLANT CONFERENCE

Sponsored by the  
IDAHO NATIVE PLANT SOCIETY

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## THE IDAHO NATIVE PLANT SOCIETY RARE PLANT LIST

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 by NatureServe are assigned to one of the INPS GLOBALLY RARE categories. Those ranked G4 or G5 are assigned to one of the INPS STATE RARE categories.

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## GLOBALLY RARE SPECIES

Globally Rare species are assigned to one of four INPS categories: Globally Extinct (GX), Global Priority 1 (G1), Global Priority 2 (G2), or Global Priority 3 (G3). The Global ranks are defined below. 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 outlined below. In the past, these rankings have helped the INPS make and prioritize recommendations to the USFWS for the federal Candidate list, as well as for other conservation efforts.

### DEFINITIONS

#### **USFWS Status:**

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

THREATENED = taxa likely to become endangered in 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.

#### **Global Conservation 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 either because of rarity or because of other factors making it very vulnerable to extinction or elimination (typically 6 to 20 occurrences).

G3 = Vulnerable: vulnerable globally either because very rare and local throughout range, found only in a restricted range (even if abundant in 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).

#### **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

### 2009 STATUS CHANGES

An asterisk ( \* ) preceding a taxon name indicates a change in Status or Threat Priority was made during the 2009 Idaho Rare Plant Conference. A plus sign ( + ) indicates the taxon was added to the Idaho Rare Plant List during the 2009 conference. All species with any 2009 changes are indicated by **yellow highlighting**.

## GLOBAL PRIORITY 1

(global rank & threat priority in parentheses)

ASTRAGALUS ASOTINENSIS (G?,2)  
ASTRAGALUS CUSICKII VAR. PACKARDIAE  
(G4G5/T1,3)  
BOTRYCHIUM LINEARE (CANDIDATE; G1,?)  
CAREX ABORIGINUM (G1,2)  
CASTILLEJA CHRISTII (CANDIDATE; G1,2)  
CHRYSOTHAMNUS PARRYI SSP. MONTANUS  
(G5/T1,12)  
CLADONIA ANDEREGGII (G1,?) (lichen)  
\* ERICAMERIA WINWARDII (=ERICAMERIA  
DISCOIDEA VAR. WINWARDII) (G1,5) (from G2)  
LEPTODACTYLON GLABRUM (G1,11)  
MIMULUS HYMENOPHYLLUS (G1,11)  
MIMULUS AMPLIATUS (G1,5)  
PHACELIA INCONSPICUA (G1,5)  
PHLOX IDAHOENSIS (G1,2)  
PHYSARIA DIDYMOCARPA VAR. LYRATA (G5/T1,3)  
RHIZOPLACA IDAHOENSIS (G?,11) (lichen)  
\* SPHAEROCARPOS HIANUS (G1,2) (liverwort) (T chg)

## GLOBAL PRIORITY 2

ANTENNARIA ARCUATA (G2,5)  
ASTRAGALUS ARRECTUS (G2G4,2)  
ASTRAGALUS ANSERINUS (G2,2)  
ASTRAGALUS DIVERSIFOLIUS (G2,11)  
ASTRAGALUS MULFORDIAE (G2,2)  
ASTRAGALUS VEXILLIFLEXUS VAR. NUBILUS  
(G4/T2,12)  
BOTRYCHIUM PARADOXUM (G2,?)  
CALOCHORTUS MACROCARPUS VAR.  
MACULOSUS (G5/T2,3)  
CAREX IDAHOA (G2,9)  
CLADONIA LUTEOALBA (G2,8) (lichen)  
COLLOMIA DEBILIS VAR. CAMPORUM (G5/T2,12)  
CREPIS BAKERI SSP. IDAHOENSIS (G4/T2,3)  
CYMPTERUS ACAULIS VAR. GREELEYORUM  
(G5/T2,6)  
DERMATOCARPON LORENZIANUM (G2,11) (lichen)  
DOUGLASIA IDAHOENSIS (G2,11)  
DRABA TRICHOCARPA (G2,11)  
ERIOGONUM CAPISTRATUM VAR. WELSHII  
(G4/T2,9)  
ERIOGONUM MELEDONUM (G2,11)

ERIOGONUM SHOCKLEYI VAR. PACKARDIAE  
(G5/T2,9)

ERIOGONUM SOLICEPS (G2,11)  
GRIMMIA BRITTONIAE (G2,11) (moss)  
HOWELLIA AQUATILIS (THREATENED;G2)  
+ LEPIDIUM INTEGRIFOLIUM (G2,T2)  
LEPTODACTYLON PUNGENS SSP. HAZELIAE  
(G5/T2,12)

+ LESQUERELLA OBDELTATA (G2,T5)  
LOMATIUM PACKARDIAE (G2,8)  
MENTZELIA MOLLIS (G2,2)  
MIMULUS EVANESCENS (G2,?)  
MIRABILIS MACFARLANEI (THREATENED;G2)  
MUSINEON LINEARE (G2,11)  
ORTHOTRICHUM HOLZINGERI (G2 ?) (moss)  
PENSTEMON COMPACTUS (G2,8)  
PENSTEMON IDAHOENSIS (G2,11)

\* PENSTEMON LAXUS (G2,8) (from Review)  
POA ABREVIATA SPP. MARSHII (G5/T2 12)  
PRIMULA ALCALINA (G2,8)  
PYRROCOMA LIATRIFORMIS (G2 2)

+ RHIZOPLACA IDAHOENSIS (G2,11) (lichen)  
RUBUS BARTONIANUS (G2,8)  
SAXIFRAGA BRYOPHORA VAR. TOBIASIAE  
(G2/T2,6)

TEXOSPORIUM SANCTI-JACOBI (G2,1) (lichen)  
\* THELYPODIUM PANICULATUM (G2,T?) (from  
Review)

TRIFOLIUM PLUMOSUM VAR. AMPLIFOLIUM  
(G4/T2,6)  
XANTHOPARMELIA IDAHOENSIS (G2,8) (lichen)

## GLOBAL PRIORITY 3

AGASTACHE CUSICKII (G3G4,11)  
ALLIUM AASEAE (G3,8)  
ALLIUM MADIDUM (G3,8)  
ALLIUM TOLMIEI VAR. PERSIMILE (G4/T3,12)  
ANDREAEA HEINEMANNII (G3G5,?) (moss)  
\* ASPICILIA FRUTICULOSA (G3,11) (lichen)  
(from Sensitive)  
ASTRAGALUS ADANUS (G3G4,?)  
ASTRAGALUS AMBLYTROPIS (G3,11)  
ASTRAGALUS AMNIS-AMISSI (G3,11)  
ASTRAGALUS AQUILONIUS (G3,5)  
ASTRAGALUS CUSICKII VAR. STERILIS (G3,11)  
ASTRAGALUS JEJUNUS VAR. JEJUNUS (G3/T3,9)

**GLOBAL PRIORITY 3 (continued)**

ASTRAGALUS ONICIFORMIS (G3,11)  
ASTRAGALUS PAYSONII (G3,11)  
ASTRAGALUS YODER-WILLIAMSII (G3,11)  
BOTRYCHIUM ASCENDENS (G2G3,8)  
BOTRYCHIUM CRENLATUM (G3,11)  
BOTRYCHIUM MONTANUM (G3,8)  
BOTRYCHIUM PEDUNCULOSUM (G2G3,5)  
BRYUM CALOBRYOIDES (G3,2) (moss)  
CALAMAGROSTIS TWEEDYI (G3,8)  
CALLITRICHE TROCHLEARIS (G3?,?)  
CALOCHORTUS NITIDUS (G3,8)  
CARDAMINE CONSTANCEI (G3,8)  
CHAENACTIS CUSICKII (G3,8)  
CIRSIUM BREVIFOLIUM (G3,5)  
CASTILLEJA PULCHELLA (G3,11)  
COLLEMA CURTISPORUM (G3,11) (lichen)  
CORYDALIS CASEANA VAR. HASTATA (G4/T3,12)  
CYMPTERUS DAVISII (G3,11)  
CYMPTERUS DOUGLASSII (G3,11)  
DASYNOTUS DAUBENMIREI (G3,10)  
ERIGERON SALMONENSIS (G3,11)  
ERIOGONUM OCHROCEPHALUM VAR. CALCAREUM  
(G4/T3,12)  
ERIOGONUM PROCIDUUM VAR. MYSTRIMUM  
(G3/T3,?)  
GRINDELIA HOWELLII (G3,5)  
HACKELIA CRONQUISTII (G3,11)  
HACKELIA DAVISII (G3,11)  
HACKELIA OPHIOBIA (G3,11)  
PYRROCOMA HIRTA VAR. SONCHIFOLIA  
(=HAPLOPAPPUS HIRTUS VAR. SONCHIFOLIUS)  
(G4/T3,6)  
PYRROCOMA INSECTICRURIS  
(=HAPLOPAPPUS INSECTICRURIS) (G3,11)  
HAPLOPAPPUS RADIATUS (G3,11)  
LEPIDIUM DAVISII (G3,5)  
LEPIDIUM PAPILLIFERUM (G3,2)  
LESQUERELLA PAYSONII (G3,11)  
\* LEWISIA SACAJAWEANA (G3,T11) (T chg)  
LOMATIUM SALMONIFLORUM (G3,8)  
MIMULUS PATULUS (G3,2)  
OENOTHERA PSAMMOPHILA (G3,8)  
OXYTROPIS BESSEYI VAR. SALMONENSIS  
(G5/T3,12)  
PENSTEMON LEMHIENSIS (G3,11)  
PHACELIA LUTEA VAR. CALVA (G4/T3,12)

PHACELIA MINUTISSIMA (G3,5)  
POGOGYNE FLORIBUNDA (G3,2)  
\* PYRROCOMA INTEGRIFOLIA (=HAPLOPAPPUS  
INTEGRIFOLIUS SSP. INTEGRIFOLIUS) (G3,11)  
(from Review)  
+ RHIZOPLACA MELANOPHTHALMA SUBSP.  
CEREBRIFORMIS (G3,12) (lichen)  
+ RHIZOPLACA MELANOPHTHALMA SUBSP.  
CRISPA (G3,12) (lichen)  
SILENE SPALDINGII (THREATENED;G2)  
SPIRANTHES DILUVIALIS (THREATENED;G2)  
STANLEYA CONFERTIFLORA (G1,2)  
STANLEYA TOMENTOSA VAR. RUNCINATA  
SULLIVANTIA HAPEMANII VAR. HAPEMANII  
(G3/T3,12)  
SYMPHYOTRICHUM JESSICAE (G2,2)  
SYNTHYRIS PLATYCARPA (G3,11)  
TAUSCHIA TENUISSIMA (G3,11)  
THELYPODIUM REPANDUM (G3,11)  
THLASPI IDAHOENSE VAR. AILEENIAE (G4/T3,12)  
TRIFOLIUM DOUGLASII (G3,2)  
TRIFOLIUM OWYHEENSE (G2G3,2)  
WALDSTEINIA IDAHOENSIS (G3,11)

## **STATE RARE SPECIES**

State Rare species are assigned to one of five categories: Possibly Extirpated, State Priority 1, State Priority 2, Sensitive, or Monitor.

### **DEFINITIONS**

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

State Priority 1 = 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 = 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 = 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 = 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).

### **2009 STATUS CHANGES**

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### **TAXA BELIEVED TO BE EXTIRPATED FROM IDAHO**

*ASTRAGALUS RIPARIUS*

*ERYNGIUM ARTICULATUM*

*JUNCUS BOLANDERI*

*NYMPHAEA LEIBERGII*

*PAPAVER RADICATUM* VAR. *KLUANENSE*

*VIBURNUM OPULUS* VAR. *AMERICANUM*

## STATE PRIORITY 1

ALLENROLFEA OCCIDENTALIS  
ANDROMEDA POLIFOLIA  
ANGELICA KINGII  
ANTIRRHINUM KINGII  
ARTEMISIA CAMPESTRIS SSP. BOREALIS VAR.  
PURSHII  
ASPLENIUM SEPTENTRIONALE  
ASPLENIUM TRICHOMANES  
ASPLENIUM TRICHOMANES-RAMOSUM  
(=ASPLENIUM VIRIDE)  
ASTRAGALUS BOURGOVII  
ASTRAGALUS MICROCYSTIS  
ASTRAGALUS TETRAPTERUS  
ASTRAGALUS VEXILLIFLEXUS VAR. VEXILLIFLEXUS  
BLEPHARIDACHNE KINGII  
BOUPELLOUA GRACILIS  
BUXBAUMIA APHYLLA (moss)  
CAREX CHORDORRHIZA  
CAREX COMOSA  
CAREX LACUSTRIS  
CAREX SYNCHNOCEPHALA  
CEANOTHUS PROSTRATUS  
CERCOCARPUS MONTANUS  
CETRARIA SEPINCOLA (lichen)  
CHRYSOSPLENIUM TETRANDRUM  
CLADONIA BELLIDIFLORA (lichen)  
CLADONIA UNCIALIS (lichen)  
CLEOMELLA PLOCASPERMA  
CORNUS NUTTALLII  
CRYPTANTHA SERICEA  
CUSCUTA DENTICULATA  
CYPRIPIEDIUM PARVIFLORUM VAR. PUBESCENS  
DOWNINGIA INSIGNIS  
DROSERIA INTERMEDIA  
ERIOGONUM HOOKERI  
ERIOGONUM PALMERIANUM  
ERIOPHORUM VIRIDICARINATUM  
ERYNGIUM ALISMAEFOLIUM  
EUPATORIUM MACULATUM  
HIEROCHLOE ODORATA  
LOMATOGONIUM ROTATUM  
LUDWIGIA POLYCARPA  
MAIANthemum DILATATUM  
MEESIA LONGISETA (moss)  
MIMULUS ALSINOIDES  
ORTHOTRICHUM HALLII (moss)

OXALIS TRILLIIFOLIA  
PENSTEMON JANISHIAE  
PETASITES FRIGIDUS VAR. PALMATUS  
PILOPHORUS CLAVATUS (lichen)  
POLYPODIUM GLYCYRRHIZA  
\* POTAMOGETON DIVERSIFOLIUS (from Review)  
PRENANTHELLA EXIGUA  
PRIMULA INCANA  
PSATHYROTES ANNUA  
RHYNCHOSPORA ALBA  
RIBES SANGUINEUM  
RUBUS SPECTABILIS  
RUPERTIA PHYSODES  
SILENE HITCHGUIREI  
(=SILENE URALENSIS SSP. MONTANA)  
SPHAGNUM PLATYPHYLLUM (moss)  
SPIRANTHES PORRIFOLIA  
SPOROBOLUS COMPOSITUS VAR. COMPOSITUS  
(=SPOROBOLUS ASPER)  
TEUCRIUM CANADENSE VAR. OCCIDENTALE  
THALICTRUM DASYCARPUM  
THAMNOLIA SUBULIFORMIS (lichen)  
THELYPTERIS NEVADENSIS  
TRIANTHA OCCIDENTALIS SSP. BREVI-STYLA  
TRICHOPHORUM ALPINUM  
(=SCIRPUS HUDSONIANUS)  
TRICHOPHORUM PUMILUM (=SCIRPUS ROLLANDII)  
ULOTA MEGALOSPORA (moss)  
VIOLA SELKIRKII

## STATE PRIORITY 2

ALLIUM ANCEPS  
BOTRYCHIUM SIMPLEX  
CAREX INCURVIFORMIS  
CAREX MAGELLANICA SSP. IRRIGUA  
(=CAREX PAUPERCUA)  
CLADONIA TRANSCENDENS (lichen)  
CYPRIPIEDIUM FASCICULATUM  
DIMERESIA HOWELLII  
DRABA FLADNIZENSIS  
DRABA GLOBOSA (=DRABA APICULATA)  
ELEOCHARIS ELLIPTICA (=ELEOCHARIS TENUIS)  
ERIOGONUM SHOCKLEYI VAR. SHOCKLEYI  
GAULTHERIA HISPIDULA  
GENTIANELLA TENELLA  
HOOKERIA LUCENS (moss)  
HYPERICUM MAJUS

**STATE PRIORITY 2 (continued)**

*HYPOGYMNA INACTIVA* (lichen)  
*IPOMOPSIS POLYCLADON*  
*KOBRESIA SIMPLICIUSCULA*  
*LOBARIA LINITA* (lichen)  
*LOBARIA SCROBICULATA* (lichen)  
*LYCOPODIELLA INUNDATA*  
*PENTAGRAMMA TRIANGULARIS* SSP.  
     *TRIANGULARIS*  
*PERAPHYLLUM RAMOSISSIMUM*  
*PHEGopteris CONNECTILIS*  
     (=*THELYPTERIS PHEGopteris*)  
*PICEA GLAUCA*  
*PILOPHORUS ACICULARIS* (lichen)  
*PIPTATHERUM MICRANTHUM*  
     (=*ORYZOPSIS MICRANTHA*)  
*PLATISMATIA HERREI* (lichen)  
*POLYSTICHUM BRAUNII*  
*RAMALINA POLLINARIA* (lichen)  
*RHIZOMNIUM NUDUM* (moss)  
*SALIX FARRIAE*  
*SALIX GLAUCA*  
*SALIX PEDICELLARIS*  
*SALIX PSEUDOMONTICOLA*  
*SCHEUCHZERIA PALUSTRIS*  
*SPHAEROMERIA POTENTILLOIDES*  
*SPHAGNUM MENDOCINUM* (moss)  
*TOWNSENDIA SCAPIGERA*  
*VACCINIUM OXYCOCCOS*

**STATE SENSITIVE**

*AGOSERIS LACKSCHEWITZII*  
*ALLIUM VALIDUM*  
*ALLOTROPA VIRGATA*  
*ASTER JUNCIFORMIS*  
*ASTRAGALUS BISULCATUS* VAR. *BISULCATUS*  
*ASTRAGALUS CONJUNCTUS*  
*ASTRAGALUS GILVIFLORUS*  
*BETULA PUMILA*  
*BLECHNUM SPICANT*  
*BOTRYCHIUM LANCEOLATUM* VAR. *LANCEOLATUM*  
*BOTRYCHIUM MINGANENSE*  
*BOTRYCHIUM PINNATUM*  
*BRYORIA TORTUOSA* (lichen)  
*CAMISSONIA PTEROSPERMA*

*CAREX ENGELMANII*  
     (=*CAREX BREWERI* VAR. *PADDOENSIS*)  
*CAREX LEPTALEA*  
*CAREX LIVIDA*  
*CAREX ROSTRATA*  
*CAREX STRAMINIFORMIS*  
*CATAPYRENIUM CONGESTUM* (lichen)  
*CHAENACTIS STEVIOIDES*  
*CICUTA BULBIFERA*  
*CORYPHANTHA VIVIPARA*  
*DIPHASIASTRUM SITCHENSE*  
     (=*LYCOPODIUM SITCHENSE*)  
*DOWNINGIA BACIGALUPII*  
*DRABA INCERTA*  
*DRYOPTERIS CRISTATA*  
*EATONELLA NIVEA*  
*EPIPACTIS GIGANTEA*  
*GLYPTOPLEURA MARGINATA*  
*HELODIUM BLANDOWII* (moss)  
*HYMENOXYIS COOPERI*  
*IRIS VERSICOLOR*  
*LUPINUS UNCIALIS*  
*LYCOPODIUM DENDROIDEUM*  
*MERTENSIA BELLA*  
*NEMACLADUS RIGIDUS*  
*OROBANCHE PINORUM*  
*PETERIA THOMPSONIAE*  
*PHACELIA LYALLII*  
*POLYSTICHUM KRUCKEBERGII*  
*PSEUDOCYPHELLARIA ANOMALA* (lichen)  
*PSILOCARPHUS TENELLUS*  
*RANUNCULUS PYGMAEUS*  
*ROMANZOFFIA SITCHENSIS*  
*SALICORNIA RUBRA*  
*SALIX CANDIDA*  
*SANICULA GRAVEOLENS*  
*SAXIFRAGA CERNUA*  
*SCHISTOSTEGA PENNATA* (moss)  
*SCHOENOPLECTUS SUBTERMINALIS*  
     (=*SCIRPUS SUBTERMINALIS*)  
*SPHAEROPHORUS GLOBOSUS* (lichen)  
*STREPTOPUS STREPTOPOIDES*  
*TRIENTALIS ARCTICA*  
*TRIPTEROCLADIUM LEUCOCLADULUM* (moss)  
*VALLISNERIA AMERICANA*

## STATE MONITOR

ASTRAGALUS ATRATUS VAR. INSEPTUS  
ASTRAGALUS LEPTALEUS  
ASTRAGALUS NEWBERRYI VAR. CASTOREUS  
BUXBAUMIA VIRIDIS (moss)  
CAMASSIA CUSICKII  
CAREX CALIFORNICA  
CAREX FLAVA  
\* CALANDRINIA CILIATA (from Review)  
CHRYSOTHAMNUS NAUSEOSUS SSP. NANUS  
\* CLAYTONIA MULTISCAPA (=CLAYTONIA  
LANCELOATA VAR. FLAVA) (from G4, ?/S1)  
\* CRYPTANTHA CAESPITOSA (from Review)  
CYPERUS BIPARTITUS  
(=CYPERUS RIVULARIS)  
DAMASONIUM CALIFORNICUM  
DODECATHEON DENTATUM  
CEPHALANTHERA AUSTINIAE  
(=EBUROPHYTON AUSTINIAE)  
EPILOBIUM PALUSTRE  
ERIGERON HUMILIS  
GENTIANELLA PROPINQUA  
HALIMOLOBOS PERPLEXA VAR. PERPLEXA  
IVESIA TWEEDYI  
LIMOSELLA ACAULIS  
\* MENTZELIA CONGESTA (from Review)  
MIMULUS CLIVICOLA  
PARNASSIA KOTZEBUEI VAR. KOTZEBUEI  
+ PARONYCHIA SESSILIFLORA  
PEDIOCACTUS SIMPSONII  
PETASITES SAGITTATUS  
\* POTENTILLA BIPINNATIFIDA (from Review)  
RANUNCULUS GELIDUS  
RIBES WOLFII  
SANICULA MARILANDICA  
SAXIFRAGA ADSCENDENS  
SEDUM BORSCHII  
SILENE SCAPOSA  
TELLIMA GRANDIFLORA  
+ TELESONIX HEUCHERIFORMIS  
THELYPODIUM LACINIATUM VAR.  
STREPTANTHOIDES  
TRIENTALIS LATIFOLIA

## REVIEW SPECIES

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.

ACORUS AMERICANUS

+ ALLIUM COLUMBIANUM

AMPHIDIUM CALIFORNICUM (moss)

ANEMONE CYLINDRICA

ARABIS HASTATULA

ARABIS LASIOCARPA

ARABIS SPARSIFLORA VAR. ATORRUBENS

ARGEMONE MUNITA SSP. ROTUNDATA

ARTEMISIA SP. NOVUM 'BRUNEAU'

ASTRAGALUS SHULTZIORUM

BACOPA ROTUNDIFOLIA

BIDENS BECKII

BOTRYCHIUM CAMPESTRE

BOTRYCHIUM LUNARIA

BOTRYCHIUM MICHIGANENSE

BROMUS ALEUTENSIS

CALICIUM CORYNELLUM (lichen)

CALLITRICHE MARGINATA

CAMISSONIA BOOTHII SSP. BOOTHII

CAREX ABRUPTA

CAREX CRAWEI

CAREX EBENEA

CAREX FULIGINOSA (=CAREX MISANDRA)

CAREX LACHENALII (=CAREX BIPARTITUS)

CAREX OCCIDENTALIS

CAREX PALLESCENS

CAREX TUMULICOLA

CASSIOPE MERTENSIANA SSP. MERTENSIANA

CASTILLEJA OCCIDENTALIS

CASTILLEJA PECKIANA

CLEOMELLA HILLMANNII VAR. GOODRICHII

CRASSULA AQUATICA (=TILLAEA AQUATICA)

CREPIS PLEUROTA

CRYPTANTHA CELOSIODES

CRYPTANTHA PROPRIA

CRYPTANTHA SIMULANS

CYMOPTERUS IBAPENSIS

CYMOPTERUS HENDERSONIICYPERUS ODORATUS

DELPHINIUM GLAUCESCENS

DENDROALSIA ABIETINA (moss)

DRABA HITCHCOCKII

DRABA OREIBATA VAR. OREIBATA

EPILOBIUM CANUM VAR. GARRETTII

(=ZAUSCHNERIA GARRETTII)

ERIOGONUM DESERTORUM

ERIOGONUM SCOPULORUM

ERIOGONUM SP. NOVUM (WAR EAGLE MOUNTAIN)

ERIOPHORUM ANGUSTIFOLIUM SSP.

ANGUSTIFOLIUM (=ERIOPHORUM

POLYSTACHYON)

EUTHAMIA GRAMINIFOLIA

(=SOLIDAGO GRAMINIFOLIA)

FUSCOPANNARIA SAUBINETII (lichen)

GEUM ROSSII VAR. ROSSII

HACKELIA SP. NOVA (SLEEPING DEER MOUNTAIN)

HAPLOPAPPUS BLOOMERI

HAPLOPAPPUS RACEMOSUS VAR. GLOMERELLUS

HAPLOPAPPUS UNIFLORUS VAR. HOWELLII

(=PYRROCOMA HOWELLII)

HETEROTHECA BARBATA

JUNCUS BRYOIDES

JUNCUS HALLI I

JUNCUS HEMIENDYTUS VAR. ABJECTUS

JUNCUS PHAEOCEPHALUS

JUNCUS TIEHMII

JUNCUS BREVICAUDATUS (=JUNCUS TWEEDYI)

JUNCUS VASEYI

KOBRESIA MYOSUROIDES (=KOBRESIA BELLARDII)

LATHYRUS POLYPHYLLUS

LEPIDIUM PAYSONII

LESQUERELLA PROSTRATA

LOEFLINGA SQUARROSA

LOMATIUM IDAHOENSE

LOMATIUM RAVENII

MIMULUS RINGENS

MINUARTIA STRICTA (UNDETERMINED VARIETY)

MITELLA NUDA

MUHLENBERGIA GLOMERTATA

MUHLENBERGIA RACEMOSA

NASSELLA VIRIDULA (=STIPA VIRIDULA)

OROGENIAFUSIFORMIS

ORTHOTRICHUM CONSIMILE (moss)

ORTHOTRICHUM STRIATUM (moss)

PEDIOCACTUS NIGRISPINUS

**REVIEW SPECIES (continued)**

*PELTIGERA PACIFICA* (lichen)  
*PENSTEMON SEORSUS*  
*PHYSARIA INTEGRIFOLIA*  
*PLANTAGO ERIOPODA*  
*PLANTAGO TWEEDYI*  
*PLATANThERA OBTUSATA*  
*POA PAUCISPICULA*  
*PORELLA NAVICULARIS* (liverwort)  
*POTENTILLA PARADOXA*  
*RACOMITRIUM VARIUM* (moss)  
*RAMALINA SUBLEPTOCARPA* (lichen)  
*SAGITTARIA RIGIDA*  
*SCLEROLINON DIGYNUM*  
*SEDUM RUPICOLUM*  
*SCAPANIA APICULATA* (liverwort)  
*SCAPANIA BOLANDERI* (liverwort)  
*SILENE SUKSDORFII*  
*SOLANUM HETERODOXUM*  
*SOLIDAGO SPECTABILIS*  
*SPARGANIUM EMERSUM*  
(=*SPARGANIUM CHLOROCARPUM*)  
*TAYLORIA SERRATA* (moss)  
*THELYPODIUM FLEXUOSUM*  
*TRICHOSTEMA OBLONGUM*  
*TRIFOLIUM LONGIPES* VAR. *MULTIPEDUNCULATUM*  
*ULOTA CURVIFOLIA* (moss)  
*UTRICULARIA GIBBA*  
*VIOLA SEPTENTRIONALIS*  
*XANTHOPARMELIA CAMTSCHADALIS* (lichen)

**TAXA DROPPED FROM INPS LIST – 2009**

\* *CAMISSONIA PALMERI* – no indication of occurrences in Idaho (from Review)  
\* *CAREX FOENA* (= *CAREX AENEA*) – combined with *CAREX SICCATA* (from Review)  
\* *HETEROTHECA VILLOSA* VAR. *DEPRESSA* – no indication of occurrences in Idaho (from Review)  
\* *TELESONIX JAMESII* – name corrected to *TELESONIX HEUCHERIFORMIS* (from Monitor)