

RESULTS OF THE TWENTY-FOURTH IDAHO RARE PLANT CONFERENCE

Sponsored by the
IDAHO NATIVE PLANT SOCIETY

February 11-12, 2009
Boise, Idaho

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.

CONTENTS

GLOBALLY RARE SPECIES.....	1
Definitions	1
2009 Status Changes	1
Global Priority 1	2
Global Priority 2	2
Global Priority 3	3
STATE RARE SPECIES	4
Definitions	4
2009 Status Changes	4
Taxa Believed to be Extirpated from Idaho.....	4
State Priority 1.....	5
State Priority 2.....	5
Sensitive	6
Monitor	7
REVIEW SPECIES	8
TAXA DROPPED FROM INPS LIST - 2009.....	9

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 ROGERI (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 CRENULATUM (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)
LEPIDIUM DAVISII (G3,5)
LEPIDIUM PAPILLIFERUM (G3,2)
PHYSARIA PAYSONII
(=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 HIRTA VAR. SONCHIFOLIA
(=HAPLOPAPPUS HIRTUS VAR. SONCHIFOLIUS)
(G4/T3,6)

PYRROCOMA INSECTICRURIS
(=HAPLOPAPPUS INSECTICRURIS) (G3,11)
* PYRROCOMA INTEGRIFOLIA (=HAPLOPAPPUS
INTEGRIFOLIUS SSP. INTEGRIFOLIUS) (G3,11)
(from Review)
PYRROCOMA RADIATA
(=HAPLOPAPPUS RADIATUS)(G3,11)
+ 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

An asterisk (*) preceding a taxon name indicates a change in status was made during the 2009 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.

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 VIRIDE
(=ASPLENIUM TRICHOMANES-RAMOSUM)
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
CYPRIPEDIUM PARVIFLORUM VAR. PUBESCENS
DOWNINGIA INSIGNIS
DROSERIA INTERMEDIA
ERIOGONUM HOOKERI
ERIOGONUM PALMERIANUM
ERIOPHORUM VIRIDICARINATUM
ERYNGIUM ALISMAEFOLIUM
EUTROCHIUM MACULATUM
(=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)
CYPRIPEDIUM FASCICULATUM
DIMERESIA HOWELLII
DRABA FLADNIZENSIS
DRABA GLOBOSA (=DRABA APICULATA)
ELEOCHARIS ELLIPTICA (=ELEOCHARIS TENUIS)
ERIOGONUM SHOCKLEYI VAR. SHOCKLEYI
GAULTHERIA HISPIDULA
GENTIANELLA TENELLA
HOOKERIA LUCENS (moss)

STATE PRIORITY 2 (continued)

HYPERICUM MAJUS
HYPOGYMNIUM INACTIVUM (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
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
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)
HETEROPLACIDIUM CONGESTUM
(=*CATAPYRENIUM CONGESTUM*) (lichen)
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
SYMPHYOTRICHUM BOREALE
(=*ASTER JUNCIFORMIS*)
TRIENTALIS ARCTICA
TRIPTEROCADIUM 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)
* 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
ERICAMERICA NAUSEOSA VAR. NANA
(=CHRYSOTHAMNUS NAUSEOSUS SSP. NANUS)
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

ARGEMONE MUNITA SSP. *ROTUNDATA*

ARTEMISIA SP. NOVUM 'BRUNEAU'

ASTRAGALUS SHULTZIORUM

BACOPA ROTUNDIFOLIA

BIDENS BECKII

BOECHERA HASTATULA (= *ARABIS HASTATULA*)

BOECHERA ROLLINSIORUM

BOECHERA ATRORUBENS

(= *ARABIS SPARSIFLORA* VAR. *ATRORUBENS*)

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*

CODRIOPHORUS VARIUS

(= *RACOMITRIUM VARIUM*) (moss)

CRASSULA AQUATICA (= *TILLAEA AQUATICA*)

CREPIS PLEUROTA

CRYPTANTHA CELOSIODES

CRYPTANTHA PROPRIA

CRYPTANTHA SIMULANS

CYMOPTERUS IBAPENSIS

CYMOPTERUS HENDERSONIICYPERUS ODORATUS

DELPHINIUM GLAUDESCENS

DENDROALSIA ABIETINA (moss)

DRABA HITCHCOCKII

DRABA OREIBATA VAR. *OREIBATA*

EPILOBIUM CANUM VAR. *GARRETTII*

(= *ZAUSCHNERIA GARRETTII*)

ERICAMERIA BLOOMERI (= *HAPLOPAPPUS*

BLOOMERI)

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)

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

LOEFLINGA SQUARROSA

LOMATIUM IDAHOENSE

LOMATIUM RAVENII

MIMULUS RINGENS

MINUARTIA STRICTA (UNDETERMINED VARIETY)

MITELLA NUDA

MUHLENBERGIA GLOMERTATA

MUHLENBERGIA RACEMOSA

NASSELLA VIRIDULA (= *STIPA VIRIDULA*)

OROGENIA FUSIFORMIS

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
(=*LESQUERELLA PROSTRATA*)
PYRROCOMA RACEMOSA VAR. *PANICULATA*
(=*HAPLOPAPPUS RACEMOSUS* VAR.
GLOMERELLUS)
PYRROCOMA UNIFLORA VAR. *UNIFLORA*
(=*HAPLOPAPPUS UNIFLORUS* VAR. *HOWELLII*)
PYSARIA PROSTRATA
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

**ARABIS LASIOCARPA* – Utah endemic misapplied –
corrected to *BOECHERA ROLLINSIORUM* (Review)
**ASPICILIA FRUTICULOSA* – misapplied in North
America – corrected to *ASPICILIA ROGERI*, newly
named in honor of Roger Rosentreter (GP3)
**CAMISSONIA PALMERI* – no indication of occurrences
in Idaho (from Review)
**CAREX FOENA* (= *CAREX AENEAE*) – combined with
CAREX SICCATATA (from Review)
**HETEROTHECA VILLOSA* VAR. *DEPRESSA* – no
indication of occurrences in Idaho (from Review)
**TELESONIX JAMESII* – name corrected to
TELESONIX HEUCHERIFORMIS (from Monitor)