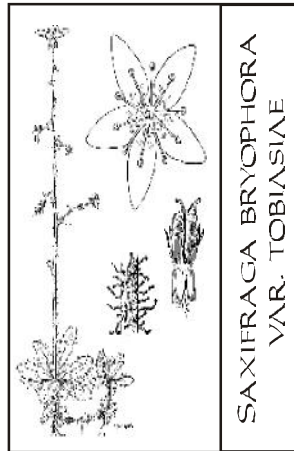


**RESULTS OF THE FIFTEENTH ANNUAL  
IDAHO RARE PLANT CONFERENCE**

15TH ANNUAL  
IDAHO  
RARE PLANT  
CONFERENCE  
1999



**Sponsored by the**

**IDAHO NATIVE PLANT SOCIETY**

**February 9-11, 1999  
Boise, Idaho**

**THE IDAHO NATIVE PLANT SOCIETY RARE PLANT LIST**

The Idaho Rare Plant List is split into three major groups:

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

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

REVIEW = Global and State rare taxa which may be of conservation concern in Idaho, but lack sufficient data to base a recommendation regarding their appropriate classification.

Global conservation ranks are used to assign taxa to the first two groups based on a system developed by the The Nature Conservancy and used by the Natural Heritage and Conservation Data Center network. This is a one-through-five ranking system. For the INPS list, G1-G3 taxa are considered GLOBALLY RARE, while the STATE RARE categories are comprised of G4 or G5 that are rare in Idaho.

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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 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 explained below. In the past, these rankings have helped the INPS make recommendations to the USFWS for the federal Candidate list, and also for Conservation Agreements, as part of the Idaho Conservation Effort. However, recommendations for Conservation Agreements were not discussed at the 1999 rare plant conference.

### DEFINITIONS

#### USFWS Status:

ENDANGERED = taxa in danger of extinction throughout all or a significant portion of their range (none in Idaho).

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.

#### Global Rank:

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

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

X = Considered extinct throughout its range.

1 = Critically imperiled because of extreme rarity or because of some factor of its biology making it especially vulnerable to extinction (typically 5 or fewer occurrences).

2 = Imperiled because of rarity or because of other factors demonstrably making it very vulnerable to extinction (typically 6 to 20 occurrences).

3 = Rare or uncommon, but not imperiled (typically 21 to 100 occurrences).

4 = Not rare and apparently secure, but with cause for long-term concern (usually more than 100 occurrences).

5 = Demonstrably widespread, abundant, and secure.

#### Threat Priority:

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

### 1999 STATUS CHANGES

An asterisk ( \* ) precedes the taxon name when a change in Global Rank or Threat Priority was made during the 1999 Idaho Rare Plant Conference. A plus mark ( + ) indicates a new taxon added to the Idaho list during the 1999 conference.

**TAXA BELIEVED TO BE GLOBALLY EXTINCT**

CAREX ABORIGINUM (GX)

### GLOBAL PRIORITY 1

(global rank & threat priority in parentheses)

ASTRAGALUS CUSICKII VAR. PACKARDIAE (G1, 3)  
BOTRYCHIUM LINEARE (G1G2, ?)  
CASTILLEJA CHRISTII (*CANDIDATE*; G1, 8)  
CHRYSOTHAMNUS PARRYI SSP. MONTANUS (G5/T1, 9)  
CLADONIA ANDEREGGII (G1, ?) (lichen)  
COLLEMA CURTISPORUM (G1, ?) (lichen)  
ERIOGONUM MELEDONUM (G1, 11)  
LEPTODACTYLON PUNGENS SSP. HAZELIAE (G5/T1, 9)  
MIMULUS HYMENOPHYLLUS (G1, 11)  
MIMULUS AMPLIATUS (G1, 9)  
PENSTEMON IDAHOENSIS (G1, 11)  
PHACELIA INCONSPICUA (G1, 5)  
PHLOX IDAHONIS (G1, 2)  
PHYSARIA DIDYMOCARPA VAR. LYRATA (G5/T1, 6)  
PRIMULA ALCALINA (G1, 8)  
SAXIFRAGA BRYOPHORA VAR. TOBIASIAE (G5/T1, 6)  
SPHAEROCARPOS HIANS (G1, ?) (liverwort)  
STANLEYA CONFERTIFLORA (G1, 2)

### GLOBAL PRIORITY 2

ANTENNARIA ARCUATA (G2, 5)  
\*ASTER JESSICAE (G2, 2)  
ASTRAGALUS ANSERINUS (G2, 8)  
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 PARRYANA SPP. IDAHOA (G5/T2, 9)  
CLADONIA LUTEALBA (G2, 8) (lichen)  
\*CREPIS BAKERI SSP. IDAHOENSIS (G4/T2, 3)  
CYMPTERUS ACAULIS VAR. GREELEYORUM (G5/T2, 12)  
DERMATOCARPON LORENZIANUM (G2, 11) (lichen)  
DOUGLASIA IDAHOENSIS (G2, 11)  
DRABA TRICHOCARPA (G2, 11)  
ERIOGONUM CAPISTRATUM VAR. WELSHII (G4/T2, 9)  
ERIOGONUM SHOCKLEYI VAR. PACKARDIAE (G5/T2, 9)  
HAPLOPAPPUS LIATRIFORMIS (G2, 5)  
HOWELLIA AQUATILIS (*THREATENED*; G2)  
LEPIDIUM PAPILLIFERUM (G2, 2)  
LEPTODACTYLON GLABRUM (G2, 11)  
  
MENTZELIA MOLLIS (G2, 2)  
MIMULUS PATULUS (G2, 2)  
MIRABILIS MACFARLANEI (*THREATENED*; G2)  
MUSINEON LINEARE (G2, 11)

ORTHOTRICHUM HOLZINGERI (G2, ?) (moss)  
PENSTEMON COMPACTUS (G2, 8)  
POA ABREVIATA SPP. MARSHII (G5/T2, 12)  
RUBUS BARTONIANUS (G2, 8)  
SILENE SPALDINGII (G2, 2)  
SPIRANTHES DILUVIALIS (*THREATENED*; G2)  
TEXOSPORIUM SANCTI-JACOBI (G2, 1) (lichen)  
TRIFOLIUM PLUMOSUM VAR. AMPLIFOLIUM (G4/T2, 6)  
XANTHOPARMELIA IDAHOENSIS (G2, 8) (lichen)

### GLOBAL PRIORITY 3

ALLIUM AASEAE (G3, 11)  
ALLIUM MADIDUM (G3, 8)  
ALLIUM TOLMIEI VAR. PERSIMILE (G4/T3, 12)  
ASTRAGALUS AMBLYTROPIS (G3, 11)  
ASTRAGALUS AMNIS-AMISSI (G3, 11)  
ASTRAGALUS AQUILONIUS (G3, 5)  
ASTRAGALUS ATRATUS VAR. INSEPTUS (G4/T3, 12)  
ASTRAGALUS JEJUNUS VAR. JEJUNUS (G3/T3, 9)  
ASTRAGALUS ONICIFORMIS (G3, 11)  
ASTRAGALUS PAYSONII (G3, 11)  
ASTRAGALUS PURSHII VAR. OPHIOGENES (G5/T3, 12)  
ASTRAGALUS STERILIS (G3, 11)  
ASTRAGALUS YODER-WILLIAMSII (G3, 11)  
BOTRYCHIUM ASCENDENS (G3?, 8)  
BOTRYCHIUM CRENULATUM (G3?, 11)  
BOTRYCHIUM MONTANUM (G3, 8)  
\*BOTRYCHIUM PEDUNCULOSUM (G3?, 5) (from Review)  
BRYUM CALOBRYOIDES (G3, 2) (moss)  
CALAMAGROSTIS TWEEDYI (G3, 8)  
\*CALOCHORTUS NITIDUS (G3, 8)  
CAMISSONIA PALMERI (G3, 8)  
CARDAMINE CONSTANCEI (G3, 8)  
CASTILLEJA PULCHELLA (G3, 11)  
+CETRARIA SEPINCOLA (G3, ?) (new) (lichen)  
CHAENACTIS CUSICKII (G3, 8)  
\*COLLOMIA DEBILIS VAR. CAMPORUM (G5/T3, 12)  
(from State Priority 2)  
CORYDALIS CASEANA VAR. HASTATA (G4/T3, 12)  
CRYPTANTHA CAESPITOSA (G3, 2)  
CYMPTERUS DAVISII (G3, 11)  
CYMPTERUS DOUGLASSII (G3, 11)  
DASYNOTUS DAUBENMIREI (G3, 10)  
ERIGERON SALMONENSIS (G3, 11)  
ERIOGONUM OCHROCEPHALUM CALCAREUM (G4/T3, 6)  
GRINDELIA HOWELLII (G3, 5)  
HACKELIA CRONQUISTII (G3, 11)  
HACKELIA DAVISII (G3, 11)  
HACKELIA OPHIOBIA (G3, 11)  
HALIMOLOBOS PERPLEXA VAR. PERPLEXA (G4/T3, 12)

HAPLOPAPPUS HIRTUS VAR. SONCHIFOLIUS (G4/T3, 6)  
HAPLOPAPPUS INSECTICRURIS (G3, 11)  
HAPLOPAPPUS RADIATUS (G3, 11)  
JUNCUS TWEEDYI (G3, 11)  
LEPIDIUM DAVISII (G3, 11)  
LESQUERELLA PAYSONII (G3, 11)  
LOMATIUM PACKARDIAE (G3, 8)  
LOMATIUM SALMONIFLORUM (G3, 11)  
OENOTHERA PSAMMOPHILA (G3, 11)

OXYTROPIS BESSEYI VAR. SALMONENSIS (G5/T3, 12)  
PENSTEMON LEMHIENSIS (G3, 11)  
\*PHACELIA LUTEA VAR. CALVA (G4/T3, 6)  
(from Global Priority 2)  
PHACELIA MINUTISSIMA (G3, 11)  
SCIRPUS ROLLANDII (G3, 8)  
SULLIVANTIA HAPEMANII VAR. HAPEMANII (G3/T3, 12)  
SYNTHYRIS PLATYCARPA (G3, 11)  
TAUSCHIA TENUISSIMA (G3, 11)  
THELYPODIUM REPANDUM (G3, 11)  
THLASPI IDAHOENSE VAR. AILEENIAE (G4/T3, 12)  
TRIFOLIUM OWYHEENSE (G3, 2)  
WALDSTEINIA IDAHOENSIS (G3, 11)

### **INPS RECOMMENDATIONS TO THE U.S. FISH AND WILDLIFE SERVICE**

The INPS suggests the following species be added to the Candidate list (in order of priority):

1. LEPIDIUM PAPILLIFERUM
2. TEXOSPORIUM SANCTI-JACOBI
3. ASTRAGALUS MULFORDIAE
4. ASTER JESSICAE
5. SILENE SPALDINGII
6. HAPLOPAPPUS LIATRIFORMIS
7. SAXIFRAGA BRYOPHORA VAR. TOBIASIAE
8. PHLOX IDAHONIS

## STATE RARE SPECIES

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

### DEFINITIONS

Possibly Extirpated = Taxa which are known in Idaho only from historical (pre-1920) records or are considered extirpated from the state.

State Priority 1 = A taxon in danger of becoming extinct or extirpated from Idaho in the foreseeable future if identifiable factors contributing to its 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 = A taxon likely to be classified as Priority 1 within the foreseeable future in Idaho, if factors contributing to its population decline or habitat degradation or loss continue.

Sensitive = A taxon 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 that are common within a limited range as well as those taxa which are uncommon, but have no identifiable threats (for example, certain alpine taxa).

### 1999 STATUS CHANGES

An asterisk ( \* ) preceding a taxon name indicates a change in status was made during the 1998 conference. A plus mark ( + ) indicates a new taxon added to the Idaho list during the 1999 conference.

#### TAXA BELIEVED TO BE EXTIRPATED FROM IDAHO

ASTRAGALUS RIPARIUS  
NYMPHAEA LEIBERGII  
PAPAVER RADICATUM VAR. KLUANENSE  
(=PAPAVER KLUANENSE)  
VIBURNUM OPULUS VAR. AMERICANUM

#### STATE PRIORITY 1 SPECIES

ANDROMEDA POLIFOLIA  
+ANGELICA KINGII (new)  
ARTEMISIA CAMPESTRIS SSP. BOREALIS VAR. PURSHII  
ASPICILIA FRUTICULOSA (lichen)  
ASPLENIUM TRICHOMANES  
ASPLENIUM VIRIDE  
ASTRAGALUS BOURGOVII  
ASTRAGALUS GILVIFLORUS  
ASTRAGALUS MICROCYSTIS

ASTRAGALUS NEWBERRYI VAR. CASTOREUS  
ASTRAGALUS TETRAPTERUS  
ASTRAGALUS VEXILLIFLEXUS VAR. VEXILLIFLEXUS  
BLEPHARIDACHNE KINGII  
BOUTELOUA GRACILIS  
BUXBAUMIA APHYLLA (moss)  
CAREX CHORDORRHIZA  
CAREX COMOSA  
CAREX LACUSTRIS  
CAREX OCCIDENTALIS  
CEANOTHUS PROSTRATUS  
CETRARIA SUBALPINA (lichen)  
CHRYSOSPLENIUM TETRANDRUM  
CLADONIA UNCIALIS  
CLAYTONIA MULTISCAPA  
(= C. LANCEOLATA VAR. FLAVA)  
CLEOMELLA PLOCASPERMA  
CORNUS NUTTALLII  
CUSCUTA DENTICULATA  
CYPERUS RIVULARIS  
CYPRIPEDIUM PARVIFLORUM VAR. PUBESCENS  
DOWNINGIA BACIGALUPII  
DROSERA INTERMEDIA  
EPIPACTIS GIGANTEA  
ERIOGONUM DESERTORUM

ERIOPHORUM VIRIDICARINATUM  
 HYMENOXYIS RICHARDSONII  
 LEWISIA KELLOGGII  
 +LEPTOGIUM SUBTILE (new) (lichen)  
 LOMATOGONIUM ROTATUM  
 LUDWIGIA POLYCARPA  
 LYCOPODIELLA INUNDATA  
 MAIANTHEMUM DILATATUM  
 MEESIA LONGISETA (moss)  
 MIMULUS ALSINOIDES  
 MUHLENBERGIA RACEMOSA  
 +ORTHOTRICHUM HALLII (new) (moss)  
 OXALIS TRILLIIFOLIA  
 PETASITES FRIGIDUS VAR. PALMATUS  
 POLYPODIUM GLYCYRRHIZA  
 PRIMULA INCANA  
 PSATHYROTES ANNUA  
 PSORALEA PHYSODES  
 RANUNCULUS GELIDUS  
 RHYNCHOSPORA ALBA  
 RIBES SANGUINEUM  
 RUBUS SPECTABILIS  
 SCIRPUS HUDSONIANUS  
 SILENE URALENSIS SSP. MONTANA  
 +SPIRANTHES PORRIFOLIA (new)  
 SPOROBOLUS ASPER  
 TEUCRIUM CANADENSE VAR. OCCIDENTALE  
 +THAMNOLIA SUBULIFORMIS (new) (lichen)  
 THELYPTERIS NEVADENSIS  
 TRIANTHA OCCIDENTALIS SSP. BREVISTYLA  
 (= TOFIELDIA GLUTINOSA VAR. BREVISTYLA)

GAULTHERIA HISPIDULA  
 GENTIANELLA TENELLA  
 HOOKERIA LUCENS (moss)  
 HYPERICUM MAJUS  
 IPOMOPSIS POLYCLADON (= GILIA POLYCLADON)  
 KOBRESIA SIMPLICIUSCULA  
 LOBARIA HALLII (lichen)  
 LOBARIA LINITA (lichen)  
 LOBARIA SCROBICULATA (lichen)  
 LUPINUS UNCIALIS  
 NASSELLA VIRIDULA (= STIPA VIRIDULA)  
 PENSTEMON JANISHIAE  
 PENTAGRAMMA TRIANGULARIS SSP. TRIANGULARIS  
 PERAPHYLLUM RAMOSISSIMUM  
 PHEGopteris CONNECTILIS  
 (= THELYPTERIS PHEGopteris)  
 PHYSCIA SEMIPINNATA (lichen)  
 PICEA GLAUCA  
 PILOPHORUS ACICULARIS (lichen)  
 PIPTATHERUM MICRANTHUM  
 (= ORYZOPSIS MICRANTHA)  
 POLYSTICHUM BRAUNII  
 PSEUDOCYPHELLARIA ANTHRASPIS (lichen)  
 +RHIZOMNIUM NUDUM (new) (moss)  
 SALIX FARRIAE  
 SALIX GLAUCA  
 SALIX PEDICELLARIS  
 SALIX PSEUDOMONTICOLA  
 SCHEUCHZERIA PALUSTRIS  
 SPHAEROMERIA POTENTILLOIDES  
 SPHAGNUM MENDOCINUM (moss)  
 TOWNSENDIA SCAPIGERA  
 VACCINIUM OXYCOCCOS

#### STATE PRIORITY 2 SPECIES

+ALLENROLFEA OCCIDENTALIS (new)  
 ALLIUM ANCEPS  
 BOTRYCHIUM SIMPLEX  
 \*BUXBAUMIA PIPERI (from State Priority 1) (moss)  
 +BUXBAUMIA VIRIDIS (new) (moss)  
 CAREX INCURVIFORMIS VAR. INCURVIFORMIS  
 CAREX PAUPERCUA  
 CHAENACTIS STEVIOIDES  
 CLADONIA TRANSCENDENS (lichen)  
 COLLEMA FURFURACEUM (lichen)  
 CRYPTANTHA BREVIFLORA  
 \*CYPRIPIEDIUM FASCICULATUM (from Global Priority 3)  
 DIMERESIA HOWELLII  
 DRABA FLADNIZENSIS  
 DRABA GLOBOSA (= DRABA APICULATA)  
 ELEOCHARIS TENUIS  
 ERIOGONUM SHOCKLEYI VAR. SHOCKLEYI

**STATE SENSITIVE SPECIES**

AGOSERIS LACKSCHEWITZII  
ALLIUM VALIDUM  
ALLOTROPA VIRGATA  
ARGEMONE MUNITA  
ARNICA ALPINA VAR. TOMENTOSA  
ASTER JUNCIFORMIS  
ASTRAGALUS BISULCATUS VAR. BISULCATUS  
ASTRAGALUS DRUMMONDII  
ASTRAGALUS SALMONIS  
BETULA PUMILA  
    (= BETULA PUMILA VAR. GLANDULIFERA)  
BLECHNUM SPICANT  
\*BOTRYCHIUM LANCEOLATUM VAR. LANCEOLATUM  
    (from State Priority 2)  
BOTRYCHIUM MINGANENSE  
\*BOTRYCHIUM PINNATUM (from State Priority 2)  
CAMISSONIA PTEROSPERMA  
CAREX BREWERI VAR. PADDOENSIS  
CAREX BUXBAUMII  
\*CAREX HENDERSONII (from Monitor)  
CAREX LEPTALEA  
CAREX LIVIDA  
CAREX ROSTRATA  
CAREX STRAMINIFORMIS  
CAREX TUMULICOLA  
CATAPYRENIUM CONGESTUM (lichen)  
CICUTA BULBIFERA  
CORYPHANTHA VIVIPARA  
CYMOPTERUS IBAPENSIS  
DIPHASIASTRUM SITCHENSE  
    (= LYCOPODIUM SITCHENSE)  
DRABA INCERTA  
DRYOPTERIS CRISTATA  
EATONELLA NIVEA  
GLYPTOPLEURA MARGINATA  
HELODIUM BLANDOWII (moss)  
HYPOGYMNIA APINNATA (lichen)  
LIMOSELLA ACAULIS  
LYCOPODIUM DENDROIDEUM  
MERTENSIA BELLA  
NEMAACLADUS RIGIDUS  
\*PETERIA THOMPSONIAE (from State Priority 1)  
PHACELIA LYALLII  
POLYSTICHUM KRUCKEBERGII  
PSILOCARPHUS TENELLUS  
RANUNCULUS PYGMAEUS  
ROMANZOFFIA SITCHENSIS  
SALICORNIA RUBRA  
SALIX CANDIDA  
SANICULA GRAVEOLENS

SANICULA MARILANDICA  
SAXIFRAGA CERNUA  
SCIRPUS SUBTERMINALIS  
SPHAEROPHORUS GLOBOSUS (lichen)  
STREPTOPUS STREPTOPOIDES VAR. BREVIPES  
TELLIMA GRANDIFLORA  
TRIENTALIS ARCTICA  
VALLISNERIA AMERICANA

**STATE MONITOR SPECIES**

ADIANTUM ALEUTICUM (Idaho subalpine ecotype)  
    (=A. PEDATUM)  
ASTRAGALUS LEPTALEUS  
CAMASSIA CUSICKII  
\*CAREX CALIFORNICA (from Sensitive)  
CAREX FLAVA  
CHRYSOTHAMNUS NAUSEOSUS SSP. NANUS  
DODECATHEON DENTATUM  
EBUROPHYTON AUSTINIAE  
EPILOBIUM PALUSTRE  
ERIGERON HUMILIS  
GENTIANELLA PROPINQUA  
IVESIA TWEEDYI  
LOMATIUM DISSECTUM VAR. DISSECTUM  
MACHAEROCARPUS CALIFORNICUS  
MIMULUS CLIVICOLA  
PARNASSIA KOTZEBUEI VAR. KOTZEBUEI  
PEDIOCACTUS SIMPSONII VAR. ROBUSTIOR  
PETASITES SAGITTATUS  
\*PLATANATHERA ORBICULATA (from Review)  
    (= HABENARIA ORBICULATA)  
RIBES WOLFII  
SAXIFRAGA ADSCENDENS  
SEDUM BORSCHII  
SILENE SCAPOSA VAR. LOBATA  
STYLOCLINE FILAGINEA  
TELESONIX JAMESII  
THELYPODIUM LACINIATUM VAR. STREPTANTHOIDES  
TRIENTALIS LATIFOLIA



## REVIEW SPECIES

Review = Global or State rare taxa which may be of conservation concern, but for which we have insufficient data upon which to base a recommendation regarding their appropriate classification.

ANEMONE CYLINDRICA	MENTZELIA CONGESTA
ARABIS HASTATULA	MIMULUS EVANESCENS
ARABIS LASIOCARPA	MIMULUS RINGENS
ASPLENIUM SEPTENTRIONALE	OROGENIA FUSIFORMIS
ASTRAGALUS CONJUNCTUS	PECTOCARYA SETOSA
BACOPA ROTUNDIFOLIA	PENSTEMON SEORSUS
+BOTRYCHIUM CAMPESTRE (new)	PLATANThERA OBTUSATA (= HABENARIA OBTUSATA)
BOTRYCHIUM LUNARIA	POTAMOGETON DIVERSIFOLIUS
CALANDRINIA CILIATA	POTENTILLA BIPINNATIFIDA
CAREX ABRUPTA	+POTENTILLA PARADOXA (new)
CAREX AENEA	PRIMULA BROADHEADEA
CAREX CRAWEI	PRIMULA CUSICKIANA
CAREX EBENEA	PRIMULA WILCOXIANA
CAREX LUZULINA VAR. ATROPURPUREA	RHINANTHUS MINOR (= R. CRISTA-GALLI)
CAREX MISANDRA	+SAGITTARIA RIGIDA (new)
CAREX XERANTICA	SCIRPUS FLUVIATILIS
CASSIOPE MERTENSIANA SSP. MERTENSIANA	SEDUM RUPICOLUM
CHRYSOTHAMNUS HUMILIS	SILENE SUKSDORFII
+CIRSIIUM BREVIFOLIUM (new)	SOLANUM HETERODOXUM
CRYPTANTHA PROPRIA	SOLIDAGO SPECTABILIS
CRYPTANTHA SIMULANS	SYMPHORICARPOS OREOPHILUS VAR. PARISHII
+CYPERUS ODORATUS (new)	*TAYLORIA SERRATA (from Monitor) (moss)
+DOWNINGIA INSIGNIS (new)	THALICTRUM DASYCARPUM
EQUISETUM SCIRPOIDES	THELYPODIUM FLEXUOSUM
ERIOGONUM HOOKERI	THELYPODIUM PANICULATUM
ERIOGONUM SALICORNIOIDES	+TRIFOLIUM DOUGLASII (new)
ERIOGONUM SP. NOVUM (WAR EAGLE MOUNTAIN)	TRIFOLIUM LONGIPES VAR. MULTIPEDUNCULATUM
HACKELIA SP. NOVA (SLEEPING DEER MOUNTAIN)	TRIFOLIUM MICRODON
HAPLOPAPPUS BLOOMERI	ULOTA CURVIFOLIA (moss)
HAPLOPAPPUS INTEGRIFOLIUS SSP. INTEGRIFOLIUS	*ULOTA MEGALOSPORA (from State Priority 2) (moss)
HAPLOPAPPUS RACEMOSUS VAR. GLOMERELLUS	+UTRICULATA INTERMEDIA (new)
HAPLOPAPPUS UNIFLORUS VAR. HOWELLII	ZAUSCHNERIA GARRETTII
(= HAPLOPAPPUS UNIFLORUS VAR. LINEARIS)	
HETEROTHECA BARBATA	
HETEROTHECA VILLOSA VAR. DEPRESSA	
IRIS VERSICOLOR	
+JUNCUS BRYOIDES (new)	
JUNCUS HALLI I	
JUNCUS HEMIENDYTUS VAR. ABJECTUS	
JUNCUS TIEHMII	
JUNCUS VASEYI	
KOBRESIA BELLARDII	
LESQUERELLA MULTICEPS	
LITHOPHRAGMA TENELLUM VAR. THOMPSONII	
MACHAERANTHERA SHASTENSIS VAR. LATIFOLIA	

## TAXA DROPPED FROM CONSIDERATION IN IDAHO - 1999

ASTRAGALUS VALLARIS - found to be common  
THAMNOLIA VERMICULARIS (lichen) - not known to occur  
in Idaho