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February 18, 1997

Mr. Larry Halverson, Park Naturalist  
Kootenay National Park  
Box 220  
Radium Hot Springs, B.C.  
VOA 1M0  
(604) 347-9615

Dear Larry,

Please find enclosed a supplemental report to the December 1995 review of B.C. mountain park herbaria by myself. Also enclosed are herbarium specimens which were pulled in 1995 as part of the initial review of park herbarium contents. Specimens should be reshelved in the Kootenay Nipika cabinet as soon as possible, by Family and alphabetical order. Cabinet contents by Family/Group are listed inside the cabinet door to correspond to shelf contents. I have indicated Family names (ending in 'EAE') on mounting labels to aid in the reshelving process. It will be easy, honest!

Specimens should always be handled face up (and horizontally) without shaking out seeds or bits of leaves, etc. that may have collected in folder margins. Seeds, for example, are important in the identification of certain species. All herbarium mounts should be handled with care, and not bent, folded or crushed under heavy objects.

Twelve mounts representing 9 species with confirmed rare status were found in herbarium mounts pulled and examined over the past year. These include *Astragalus bourgovii*, *Carex xerantica* (X2), *Erigeron lanatus*, *Minuartia biflora*, *Pedicularis contorta* (X3), *Physaria didymocarpa*, *Senecio integerrimus* var. *ochroleucus*, *Townsendia escapa*, and *Trichophorum pumilum*. Other records by authors who have made collections in the park, but for which no herbarium specimens were found, should be researched further. A quick review of the Recommendations section of Williams (1995), plus contact with Dr. Pete Achuff (Vegetation Ecologist for the mountain parks, Jasper NP) and/or Gavin More (Biologist, Western Regional Office, Calgary) should help define park management direction re rare plants, and followup research requirements for your herbarium.

Current tracking lists for rare vascular plants are constantly being revised as new information is received, thus it is advisable to obtain updated lists on an annual or semi-annual basis. Lists may be obtained from the:

B.C. Conservation Data Centre,  
Wildlife Branch,  
Ministry of Environment, Lands and Parks,  
780 Blanshard Street,  
Victoria, B.C.  
V8V 1X4  
Tel: (604)356-0928  
([www.env.gov.bc.ca/wld.cdc](http://www.env.gov.bc.ca/wld.cdc))

Thanks again for your assistance,  
Yours truly,



Joan A. Williams, MSc., P. Biol.

**REVIEW OF KOOTENAY NATIONAL PARK HERBARIA  
(W.O. Herbarium at Radium Hot Springs, and Nipika Herbarium)**

**- SUPPLEMENTAL INFORMATION -**

(to December 1995 report)

Prep. for Ecosystem Management Group,  
Alberta Regional Office,  
Canadian Heritage Parks Canada,  
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February, 1997

Following the initial review of the Warden Office (W.O.) herbarium and files at Radium Hot Springs, and of the Nipika herbarium and files at the Interpretation Services Bldg., Nipika in Kootenay NP in 1995, a number of vascular plant specimens were pulled from the collections for further identification and/or verification, plus determination of rarity status. Specimens were sent to two independent botanists in Calgary, Alberta (Kathleen Wilkinson, Ian D. Macdonald), as well as provincial botanists with the B.C. Conservation Data Centre in Victoria (e.g., George W. Douglas, J.L. Penny).

Results of their examinations over the past year are presented in a revised Appendix I of the park's herbaria contents (to January 1997). Appendix I lists the number of mounted specimens found of each species. Note that species names have been taken directly from specimen labels, or from various reports. Since not all herbarium specimens have been verified for accuracy, some names may or may not be correct for some of the entries.

Appendix II contains label data for herbarium specimens which were found to have S1 or S2 provincial rarity status ranking, based on June 10, 1996 printouts of the B.C. Conservation Data Centre's rare vascular tracking list for the Kootenay Lake Forest District (#57), Invermere Forest District (#52), and for the province. Note that rarity status may change at any time after this date. Park managers should obtain updates from the B.C. CDC at least once a year, and revise rare plant species, and community checklists accordingly.

New records on rare status specimens housed at the Kootenay NP W.O. herbarium and Nipika herbarium have been sent to the B.C. Conservation Data Centre, for use in the development of biodiversity information on tracked vascular plant species and plant communities for the B.C. mountain national parks (and surrounding ecosystems) according to the standards and procedures of The Nature Conservancy's Biological Conservation and Data system (see attachments).

## LITERATURE CITED

Achuff, P. , Coen, G.N., and K. Van Tighem (eds.) 1984. Ecological Land Classification of Kootenay National Park - Vol. I: Integrated Resource Description. Alta. Inst. of Pedology, Univ. of Alta., Edmonton. Publ. #M-84-10. Env. Canada. 373 p. + colour plates.

Williams, J. A. 1995. Review of Park Herbaria and Files for Kootenay, Yoho, and Mount Revelstoke & Glacier National Parks. Prep. for Ecosystem Management Group, Alberta Regional Office, Canadian Heritage Parks Canada, Rm. 520, 220 - 4 Avenue S.E., Calgary, Alberta.

**APPENDIX I. HERBARIUM COLLECTION FOR KOOTENAY NATIONAL PARK**  
(revised to February 1997)

Taxonomic order follows *The Vascular Plants of British Columbia* (B.C. Min. of Forests 4 Vols. 1989-91, 1994).

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b><u>GYMNOSPERMS</u></b>		
<b>CUPRESSACEAE</b>		
Juniperus communis	X	-
J. horizontalis	X	-
J. scopulorum	X	-
Thuja plicata	X	-
<b>PINACEAE</b>		
Abies lasiocarpa	X	-
Larix occidentalis	X	-
Picea glauca	X	-
Pinus albicaulis	X	-
P. flexilis	X	-
<b><u>DICOTYLEDONS</u></b>		
<b>ACERACEAE</b>		
Acer glabrum = A. douglasii	X	XX
<b>APIACEAE (= UMBELLIFERAE)</b>		
Cicuta douglasii = C. maculata	X	-
Heracleum lanatum	-	XX
Lomatium dissectum	X	-
L. dissectum var. multifidum	-	X
L. macrocarpum	X	X
L. triternatum	X	XX
Osmorhiza chilensis var. chilensis	X	-
O. chilensis var. purpurea	X	-
O. depauperata	X	-
Sanicula marilandica	-	X
<b>APOCYNACEAE</b>		
Apocynum androsaemifolium	X	XX
A. androsaemifolium var. pumilum	-	X
<b>ARALIACEAE</b>		
Aralia nudicaulis	X	X
Oplopanax horridum	X	-
<b>ASTERACEAE (= COMPOSITAE)</b>		
Achillea millefolium	X	XXX
Agoseris sp.	-	X
A. aurantiaca	X	XX
A. glauca	X	XX
Anaphalis margaritacea	X	XXX
Antennaria alpina = A. media; A. a. var. media	X	XX
A. anaphaloides	X	-
A. aprica = A. parviflora	-	X
A. corymbosa	X	-

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>ASTERACEAE (cont'd.)</b>		
<i>Antennaria lanata</i>	X	XX
<i>A. neglecta</i>	X	-
<i>A. neglecta</i> = <i>A. campestris</i>	-	X
<i>A. nitida</i> = <i>A. parvifolia</i>	XX	XX
"likely <i>A. parvifolia</i> " K. Wilkinson/96	-	X
<i>A. pulcherrima</i>	X	X
<i>A. racemosa</i>	X	XXX
<i>A. rosea</i>	X	XX
<i>A. umbrinella</i>	X	-
<i>Anthemis tinctoria</i>	X	X
<i>Arnica angustifolia</i> = <i>A. alpina</i>	X	-
<i>A. cordifolia</i>	X	X
<i>A. diversifolia</i>	-	X
<i>A. latifolia</i>	X	X
<i>A. latifolia</i> var. <i>latifolia</i> (small phase)	X	-
<i>A. mollis</i>	X	-
<i>A. parryi</i> var. <i>parryi</i>	X	-
<i>A. rydbergii</i>	X	XXX
<i>A. sororia</i>	X	-
<i>Artemisia campestris</i>	X	-
<i>A. dracunculus</i>	X	X
<i>A. frigida</i>	X	-
<i>A. michauxiana</i>	X	-
<i>A. michauxiana</i> = <i>A. campestris</i>	X	XX
<i>A. michauxiana</i> = <i>A. discolor</i> ; <i>A. vulgaris</i> ssp. <i>discolor</i>	-	X
<i>Aster</i> sp.	-	X
<i>A. alpinus</i>	-	XX
<i>A. borealis</i>	X	-
<i>A. campestris</i>	X	-
<i>A. ciliolatus</i>	X	XXXXXX
<i>A. conspicuus</i>	X	XX
<i>A. engelmannii</i>	X	-
<i>A. ericoides</i>	X	-
<i>A. foliaceus</i> = <i>A. subspicatus</i>	X	-
<i>A. laevis</i>	X	-
<i>A. laevis</i> var. <i>geyeri</i>	-	X
<i>A. sibiricus</i>	X	X
<i>Balsamorhiza sagittata</i>	X	XX
<i>Centaurea diffusa</i>	X	-
<i>C. maculosa</i>	X	X
<i>Chrysothamnus nauseosus</i>	X	XX
<i>Cirsium arvense</i>	X	X
<i>C. hookerianum</i>	X	X
<i>C. undulatum</i>	X	X
<i>C. vulgare</i>	X	-
<i>Crepis atrabarba</i> ssp. <i>originalis</i>	X	-
<i>C. atrabarba</i> var. <i>originalis</i>	-	X
<i>C. elegans</i>	X	-
<i>C. nana</i>	X	-
<i>Erigeron</i> sp.	-	X
<i>E. acris</i>	-	X
<i>E. acris</i> var. or ssp. <i>elatus</i> = <i>E. elatus</i>	X	-
<i>E. aureus</i>	X	XXX
<i>E. compositus</i>	X	XX
<i>E. corymbosus</i>	X	-
<i>E. filifolius</i>	X	-
<i>E. glabellus</i>	X	-
<i>E. glabellus</i> ssp. <i>pubescens</i>	-	X, X (on same mount as <i>E. cf.</i> <i>pumilis</i> )

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>ASTERACEAE (cont'd.)</b>		
<i>Erigeron humilis</i>	X	XXX
<i>E. lanatus</i>	X	X
<i>E. lonchophyllus</i>	X	-
<i>E. peregrinus</i>	X	XX
<i>E. peregrinus</i> ssp. <i>callianthemus</i>	-	X
<i>E. cf. pumilis</i> "probably not <i>E. divergens</i> " I. Macdonald/96	X	X
<i>Gaillardia aristata</i>	X	XX
<i>Haplopappus lyallii</i>	X	-
<i>Helenium autumnale</i> var. <i>grandiflorum</i>	X	-
<i>Heterotheca villosa</i> = <i>Chrysopsis villosa</i>	X	XX
<i>Hieracium albiflorum</i>	X	X
<i>H. albertinum</i> = <i>H. cynoglossoides</i>	-	XXX
<i>H. canadense</i> = <i>H. umbellatum</i>	XX	X
<i>H. triste</i> ssp. <i>gracile</i> = <i>H. gracile</i>	X	-
<i>Lactuca pulchella</i> = <i>L. tartarica</i> ssp. <i>pulchella</i>	-	X
<i>L. serriola</i>	X	X
<i>L. tatarica</i>	X	-
<i>Leucanthemum vulgare</i> = <i>Chrysanthemum leucanthemum</i>	X	X
<i>Lygodesmia juncea</i>	-	X
<i>Matricaria matricarioides</i>	X	-
<i>Petasites</i> sp.	-	X
<i>P. palmatus</i>	X	-
<i>P. sagittatus</i>	X	-
<i>P. vitifolius</i>	X	-
<i>Rudbeckia hirta</i>	X	-
<i>Saussurea densa</i> = <i>S. nuda</i>	X	XX
<i>Senecio canus</i>	X	X
<i>S. fremontii</i>	X	XX
<i>S. integerrimus</i>	-	X
<i>S. integerrimus</i> var. <i>ochroleucus</i>	-	X
<i>S. lugens</i>	X	XXX
<i>S. ? lugens</i>	-	X
<i>S. pauciflorus</i>	-	X
<i>S. pauperculus</i>	X	XX
<i>S. pauperculus</i> var. <i>flavovirens</i>	-	X
<i>S. pseud aureus</i>	X	-
<i>S. streptanthifolius</i> = <i>S. cymbalarioides</i>	X	-
<i>S. triangularis</i>	X	X
<i>Solidago</i> sp. ?	-	XXX
<i>S. canadensis</i>	X	-
<i>S. decumbens</i> = <i>S. spathulata</i>	-	X
<i>S. missouriensis</i>	X	-
<i>S. ? missouriensis</i>	-	X
<i>S. multiradiata</i>	X	X
<i>S. nemoralis</i>	X	-
<i>S. rigida</i> var. <i>humilis</i>	-	X
<i>S. spathulata</i> var. <i>neomexicana</i>	X	X
<i>S. spathulata</i> var. <i>nana</i>	-	X
<i>Sonchus arvensis</i>	X	-
<i>S. uliginosus</i>	X	-
<i>S. ? uliginosus</i>	-	X
<i>Stenophanomeria tenuifolia</i> = <i>S. runcinata</i>	-	X
<i>Tanacetum vulgare</i>	-	X
<i>Taraxacum ceratophorum</i> = <i>T. lyratum</i>	XX	-
<i>T. laevigatum</i>	X	-
<i>T. ? lyratum</i>	-	X
<i>T. officinale</i>	X	-
<i>T. ? officinale</i>	-	X
<i>Townsendia excapa</i>	-	X
<i>T. hookeri</i>	X	-

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>ASTERACEAE (cont'd.)</b>		
Tragopogon dubius	X	X
<b>BERBERIDACEAE</b>		
Berberis repens	X	XX
<b>BETULACEAE</b>		
Alnus crispa	-	X
A. crispa ssp. sinuata = A. viridis ssp. sinuata	X	-
Betula occidentalis	X	-
B. papyrifera	X	-
B. X sargentii = B. glandulosa X B. pumila	X	-
<b>BORAGINACEAE</b>		
Cynoglossum officinale	-	X
Hackelia deflexa = H. americana	X	-
H. floribunda	X	-
H. jessicae = H. micrantha	X	X
Lappula sp.?	-	X
L. echinata = L. squarrosa	X	X
Lithospermum incisum	X	-
L. ruderale	X	XX
Mertensia longiflora	-	X
Myosotis alpestris	-	XX
M. sylvatica var. alpestris	X	-
<b>BRASSICACEAE (= CRUCIFERAE)</b>		
Arabis divaricarpa	X	-
A. drummondii	X	X
A. glabra	X	-
A. hirsuta	-	X
A. hirsuta var. pycnocarpa?	X	-
A. holboellii var. pendulocarpa	-	X
A. holboellii var. retrofracta	X	-
A. lemmonii	-	X
A. lemmonii var. lemmonii	X	-
A. lyallii	X	XXX
A. lyrata	X	X
Braya humilis	X	-
Capsella bursa-pastoris	X	X
Cardamine breweri	X	-
C. umbellata = C. oligosperma	X	-
Descurainia pinnata	X	-
D. cf. pinnata	-	X
D. richardsonii	X	-
D. sophia	X	-
Draba albertina	X	-
D. aurea	X	X
D. borealis	X	-
D. cana	X	-
D. crassifolia	X	-
D. incerta	X	XX
D. lonchocarpa	-	X
D. lonchocarpa var. lonchocarpa	X	-
D. oligosperma	X	X
D. paysonii	X	-
D. paysonii var. treleasii	-	X
D. porsildii	X	X
D. praealta	X	-
D. stenoloba	X	-
Erucastrum gallicum	X	-



	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>BRASSICACEAE (cont'd.)</b>		
<i>Erysimum asperum</i>	X	-
<i>E. cheiranthoides</i>	X	-
<i>E. inconspicuum</i>	X	XXX
<i>Lepidium densiflorum</i> var. <i>macrocarpum</i>	X	-
<i>L. ramosissimum</i>	X	-
<i>Lesquerella douglasii</i>	X	XX
<i>Physaria didymocarpa</i>	X	X
<i>Rorippa palustris</i> = <i>R. islandica</i>	-	X
<i>Sisymbrium altissimum</i>	X	-
<b>CAMPANULACEAE</b>		
<i>Campanula rotundifolia</i>	X	XXX
<b>CAPRIFOLIACEAE</b>		
<i>Linnaea borealis</i> = <i>L. b.</i> var. or ssp. <i>americana</i>	X	XX
<i>Lonicera</i> ? <i>ciliosa</i>	-	X
<i>L. dioica</i>	X	-
<i>L. involucrata</i>	X	X
<i>L. ? involucrata</i>	-	X
<i>L. utahensis</i>	X	X
<i>Sambucus cerulea</i>	X	-
<i>S. melanocarpa</i> = <i>S. racemosa</i> var. <i>melanocarpa</i>	X	-
<i>S. pubens</i> = <i>S. racemosa</i> var. <i>pubens</i>	-	X
<i>Symphoricarpos albus</i>	X	-
<i>S. occidentalis</i>	X	X
<i>Viburnum edule</i>	X	X
<b>CARYOPHYLLACEAE</b>		
<i>Arenaria capillaris</i>	X	-
<i>A. capillaris</i> var. <i>americana</i>	-	X
<i>A. lateriflora</i> = <i>Moehringia lateriflora</i>	X	XXX
<i>A. stricta</i> var. <i>dawsonensis</i>	X	-
<i>Cerastium arvense</i>	X	X
<i>C. beeringianum</i>	X	X
<i>C. vulgatum</i>	X	-
<i>Lychnis apetala</i> ssp. <i>attenuata</i>	-	X
<i>Minuartia austromontana</i> = <i>Arenaria rossii</i>	X	-
<i>M. biflora</i> = <i>A. sajanensis</i>	-	X
<i>M. dawsonensis</i> = <i>Arenaria dawsonensis</i>	-	X
<i>M. nuttallii</i> = <i>Arenaria nuttallii</i>	-	X
<i>M. obtusiloba</i> = <i>Arenaria obtusiloba</i>	XX	XX
<i>M. rubella</i> = <i>Arenaria rubella</i>	X	-
<i>Silene acaulis</i>	X	X
<i>S. acaulis</i> var. <i>excapa</i>	-	X
<i>S. douglasii</i>	X	-
<i>S. menziesii</i>	X	X
<i>S. parryi</i>	X	X
<i>S. scouleri</i> ssp. <i>scouleri</i>	X	-
<i>S. uralensis</i> = <i>Lychnis apetala</i>	X	-
<i>Stellaria calycantha</i>	X	-
<i>S. longifolia</i>	X	-
<i>S. longipes</i>	X	XX
<b>CELASTRACEAE</b>		
<i>Pachystima myrsinites</i>	X	-
<b>CHENOPODIACEAE</b>		
<i>Chenopodium album</i>	X	X
<i>C. capitatum</i>	X	X
<i>C. fremontii</i>	X	-

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>CORNACEAE</b>		
<i>Cornus canadensis</i>	X	XX
<i>C. stolonifera</i>	X	X
<i>C. stolonifera</i> or <i>sericea</i> ?	-	X
<b>CRASSULACEAE</b>		
<i>Sedum lanceolatum</i>	X	XX
<b>DROSERACEAE</b>		
<i>Drosera anglica</i>	X	X
<b>ELAEAGNACEAE</b>		
<i>Elaeagnus commutata</i>	X	X
<i>Shepherdia canadensis</i>	X	X
<b>EMPETRACEAE</b>		
<i>Empetrum nigrum</i>	X	X
<b>ERICACEAE</b>		
<i>Arctostaphylos alpina</i> var. <i>rubra</i> = <i>A. rubra</i>	X	-
<i>A. uva-ursi</i>	X	XX
<i>Cassiope</i> - empty folder in herbarium	-	X
<i>Cassiope mertensiana</i>	X	X
<i>C. tetragona</i>	X	-
<i>Chimaphila umbellata</i>	X	X
<i>Gaultheria hispidula</i>	X	-
<i>G. humifusa</i>	X	-
<i>G. ovatifolia</i>	X	-
<i>Kalmia</i> - empty folder in herbarium	-	X
<i>Kalmia microphylla</i> = <i>K. polifolia</i> var. <i>microphylla</i>	X	-
<i>K. polifolia</i>	-	X
<i>Ledum glandulosum</i>	-	X
<i>L. glandulosum</i> var. <i>glandulosum</i>	X	-
<i>L. groenlandicum</i>	X	XX
<i>Menziesia glabella</i> = <i>M. ferruginea</i> ; / <i>M. f.</i> var. <i>glabella</i>	X	XX
<i>Moneses uniflora</i>	X	XX
<i>Orthilia secunda</i> = <i>Pyrola secunda</i>	X	X
<i>Oxycoccus microcarpus</i>	X	-
<i>Phyllodoce empetriformis</i>	X	X
<i>P. glanduliflora</i>	X	XX
X <i>P. intermedia</i>	X	-
<i>Pyrola asarifolia</i>	X	XX
<i>P. chlorantha</i> = <i>P. virens</i>	X	X
<i>P. elliptica</i>	X	-
<i>P. minor</i>	X	X
<i>Rhododendron albiflorum</i>	X	XX
<i>Vaccinium caespitosum</i>	X	-
<i>V. membranaceum</i>	X	-
<i>V. myrtilloides</i>	X	-
<i>V. myrtilus</i>	X	X
<i>V. ovalifolium</i>	X	-
<i>V. scoparium</i>	X	X
<i>V. vitis-idaea</i>	X	-
<b>EUPHORBIACEAE</b>		
<i>Euphorbia esula</i>	X	-
<b>FABACEAE (= LEGUMINOSAE)</b>		
<i>Astragalus</i> sp.	-	X
<i>A. aboriginum</i>	X	-
<i>A. alpinus</i>	X	-

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>FABACEAE (cont'd.)</b>		
<i>Astragalus americanus</i>	X	-
<i>A. bourgovii</i>	X	X
<i>A. dasyglottis</i> = <i>A. agrestis</i>	X	X
<i>A. decumbens</i> = <i>A. miser</i>	X	X
<i>A. eucosmus</i>	X	-
<i>A. lotiflorus</i>	X	-
<i>A. occidentalis</i> = <i>A. robbinsii</i>	-	XX
<i>A. robbinsii</i> var. <i>occidentalis</i>	-	X
<i>A. tenellus</i>	-	X
<i>Hedysarum boreale</i>	X	XX
<i>H. sulphurescens</i>	X	XX
<i>Lathyrus ochroleucus</i>	X	-
<i>Medicago</i> - empty folder in herbarium	-	X
<i>Medicago lupulina</i>	X	X
<i>M. sativa</i>	X	X
<i>Melilotus alba</i>	X	X
<i>M. officinalis</i>	-	XX
<i>Oxytropis campestris</i>	X	XX
<i>O. deflexa</i>	-	X
<i>O. podocarpa</i>	X	X
<i>O. sericea</i>	X	-
<i>O. sericea</i> var. <i>spicata</i>	-	X
<i>O. viscida</i>	X	-
<i>Trifolium agrarium</i> = <i>T. aureum</i>	X	-
<i>T. hybridum</i>	X	X
<i>T. pratense</i>	X	XX
<i>T. repens</i>	-	X
<i>Vicia americana</i>	X	-
<i>V. cracca</i>	X	-
<b>FUMARIACEAE</b>		
<i>Corydalis aurea</i>	-	X
<b>GENTIANACEAE</b>		
<i>Gentianella amarella</i>	X	-
<i>G. amarella</i> ssp. <i>acuta</i>	-	X
<i>G. propinqua</i>	X	XX
<i>Halenia deflexa</i>	X	-
<b>GERANIACEAE</b>		
<i>Geranium bicknellii</i>	X	-
<i>G. richardsonii</i>	X	X
<i>G. viscosissimum</i>	X	-
<b>HALORAGACEAE</b>		
<i>Myriophyllum spicatum</i> = <i>M. exalbescens</i>	X	-
<b>HYDROPHYLLACEAE</b>		
<i>Phacelia hastata</i> = <i>P. heterophylla</i>	X	-
<i>P. leptosepala</i>	-	X
<i>P. sericea</i>	X	-
<i>Romanzoffia sitchensis</i>	X	-
<b>HYPERICACEAE</b>		
<i>Hypericum perforatum</i>	X	-
<b>LAMIACEAE (= LABIATAE)</b>		
<i>Galeopsis tetrahit</i> var. <i>bifida</i>	-	X
<i>Mentha arvensis</i>	X	-
<i>Nepeta cataria</i>	X	-

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>LAMIACEAE (cont'd.)</b>		
<i>Prunella vulgaris</i>	X	XX
<b>LENTIBULARIACEAE</b>		
<i>Pinguicula vulgaris</i>	X	XX
<i>Utricularia minor</i>	X	-
<i>U. vulgaris</i>	-	X
<b>LINACEAE</b>		
<i>Linum lewisii</i>	X	X
<b>LOBELIACEAE</b>		
<i>Lobelia kalmii</i>	X	X
<b>MENYANTHACEAE</b>		
<i>Menyanthes trifoliata</i>	X	X
<b>ONAGRACEAE</b>		
<i>Circaea alpina</i>	X	-
<i>Epilobium alpinum</i>	-	XXX
<i>E. alpinum</i> var. <i>clavatum</i>	X	-
<i>E. alpinum</i> var. <i>lactiflorum</i>	X	-
<i>E. alpinum</i> var. <i>nutans</i> = <i>E. hornemannii</i>	X	-
<i>E. anagallidifolium</i> = <i>E. alpinum</i> var. <i>alpinum</i>	X	-
<i>E. angustifolium</i>	X	XXX
<i>E. brachycarpum</i>	-	X
<i>E. ciliatum</i> ssp. <i>glandulosum</i>	-	X
<i>E. clavatum</i>	-	X
<i>E. glandulosum</i> = <i>E. ciliatum</i>	X	-
<i>E. latifolium</i>	X	XX
<i>E. palustre</i>	X	X
<i>E. paniculatum</i>	X	-
<b>OROBANCHACEAE</b>		
<i>Orobanche fasciculata</i>	X	-
<b>PLANTAGINACEAE</b>		
<i>Plantago major</i>	X	X
<b>POLEMONIACEAE</b>		
<i>Collomia linearis</i>	-	X
<i>Polemonium pulcherrimum</i>	X	X
<b>POLYGONACEAE</b>		
<i>Eriogonum umbellatum</i> = <i>E. subalpinum</i>	X	XX
<i>Oxyria digyna</i>	X	XXX
<i>Polygonum amphibium</i>	X	-
<i>P. amphibium</i> var. <i>stipulaceum</i>	-	X
<i>P. douglasii</i> ssp. <i>douglasii</i>	-	X
<i>P. viviparum</i>	X	X
<b>PORTULACACEAE</b>		
<i>Claytonia lanceolata</i>	X	XX
<b>PRIMULACEAE</b>		
<i>Androsace septentrionalis</i>	X	X
<i>Dodecatheon conjugens</i>	X	X
<i>D. conjugens</i> ssp. <i>viscidum</i>	-	X
<i>D. pulchellum</i> = <i>D. radicatum</i>	X	-
<i>Primula mistassinica</i>	X	XX

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>RANUNCULACEAE</b>		
<i>Actaea rubra</i>	X	XX
<i>Anemone</i> sp.	-	X
<i>A. drummondii</i> var. <i>lithophila</i>	X	XXX
<i>A. multifida</i>	X	XXX
<i>A. occidentalis</i>	-	X
<i>A. parviflora</i>	X	XXX
<i>A. patens</i>	X	X
<i>Aquilegia brevistyla</i>	X	-
<i>A. flavescens</i>	X	XXX
<i>A. flavescens</i> var. <i>miniata</i>	-	X
<i>Caltha leptosepala</i>	-	X
<i>Clematis occidentalis</i> = <i>C. verticellaris</i> var. <i>columbiana</i>	X	XX
<i>C. tangutica</i>	-	X
<i>Delphinium glaucum</i>	X	-
<i>D. nuttallianum</i>	X	XXXX
<i>Ranunculus abortivus</i>	X	-
<i>R. acris</i>	X	X
<i>R. cymbalaria</i>	X	-
<i>R. eschscholtzii</i> var. <i>eschscholtzii</i>	X	XXX
<i>R. occidentalis</i>	X	-
<i>R. pygmaeus</i>	-	X
<i>R. verecundus</i>	X	-
<i>Thalictrum occidentale</i>	X	X
<i>T. occidentale</i> var. <i>palousense</i>	-	X
<i>Trollius albiflorus</i>	X	X
<b>RHAMNACEAE</b>		
<i>Ceanothus sanguineus</i>	X	-
<i>C. velutinus</i>	-	X
<b>ROSACEAE</b>		
<i>Amelanchier alnifolia</i>	-	XX
<i>Dryas drummondii</i>	X	X
<i>D. hookeriana</i> = <i>D. octopetala</i>	X	XX
<i>Fragaria virginiana</i>	X	X
<i>F. virginiana</i> ssp. <i>glauca</i>	-	X
<i>F. virginiana</i> var. <i>platypetala</i>	-	XX
<i>Geum macrophyllum</i>	X	-
<i>G. macrophyllum</i> var. <i>perincisum</i>	-	X
<i>G. triflorum</i>	X	X
<i>Potentilla anserina</i>	X	-
<i>P. diversifolia</i>	X	XXX
<i>P. fruticosa</i>	X	XX
<i>P. gracilis</i>	-	XX
<i>P. hyparctica</i>	X	-
<i>P. ledebouriana</i> = <i>P. uniflora</i>	-	X
<i>P. nivea</i>	X	-
<i>P. norvegica</i>	X	-
<i>P. palustris</i>	X	X
<i>P. pensylvanica</i>	X	-
<i>Prunus pensylvanica</i>	-	X
<i>P. virginiana</i>	X	XX
<i>Rosa acicularis</i>	X	XXX
<i>R. woodsii</i>	X	-
<i>Rubus acaulis</i> = <i>R. arcticus</i>	X	XX
<i>R. idaeus</i> = <i>R. strigosus</i>	X	-
<i>R. idaeus</i> ssp. <i>melanosius</i>	-	X
<i>R. ? idaeus</i>	-	X
<i>R. parviflorus</i>	X	XX
<i>R. pedatus</i>	X	X

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>ROSACEAE (cont'd.)</b>		
Rubus pubescens	-	XX
Sibbaldia procumbens	X	XX
Sorbus scopulina	X	X
Spiraea betulifolia var. lucida = S. lucida	X	XXX
<b>RUBIACEAE</b>		
Galium boreale	X	XXX
G. trifidum	X	-
G. triflorum	X	XX
<b>SALICACEAE</b>		
Populus X brayshawii (Populus angustifolia X P. balsamifera)	X	-
P. balsamifera	X	-
P. tremuloides	X	-
Salix arctica	X	X
S. barclayi	X	-
S. barrattiana	X	-
S. bebbiana	X	-
S. brachycarpa ssp. brachycarpa	X	-
S. candida	X	-
S. commutata	X	-
S. drummondiana	X	XX
S. farriae	X	-
S. glauca	X	-
S. glauca var. villosa	-	X
S. melanopsis = S. interior	X	-
S. myrtilifolia	X	-
S. nivalis = S. reticulata	-	X
S. proluxa = S. mackenziana	X	-
S. pseudomonticola	X	-
S. scouleriana	X	-
S. vestita	X	X
<b>SANTALACEAE</b>		
Comandra pallida = C. umbellata	X	-
Geocaulon lividum = Comandra livida	X	XX
<b>SAXIFRAGACEAE</b>		
Heuchera cylindrica	X	XX
H. cylindrica var. septentrionalis	-	X
Leptarrhena pyrolifolia	X	XX
Lithophragma parviflorum	X	-
Mitella sp.	-	X
M. breweri	X	-
M. nuda	X	-
M. pentandra	X	X
M. trifida	X	-
Parnassia fimbriata	X	X
P. palustris	X	-
P. palustris var. neogaea	-	X
P. parviflora	X	X
Ribes hirtellum	-	X
R. hudsonianum	X	-
R. irriguum	X	-
R. lacustre	X	XX
R. laxiflorum	X	-
R. viscosissimum	X	-
Saxifraga adscendens	X	XX
S. aizoides	X	XX
S. bronchialis	X	XXX

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>SAXIFRAGACEAE (cont'd.)</b>		
<i>Saxifraga caespitosa</i>	X	-
<i>S. cernua</i>	X	X
<i>S. debilis</i> = <i>S. hyperborea</i>	X	-
<i>S. ferruginea</i>	-	XX
<i>S. lyallii</i>	X	XXX
<i>S. occidentalis</i>	X	X
<i>S. oppositifolia</i>	X	XXX
<i>Tiarella trifoliata</i> var. <i>unifoliata</i> = <i>T. unifoliata</i>	X	XX
<b>SCROPHULARIACEAE</b>		
<i>Castilleja cervina</i>	X	-
<i>C. hispida</i>	X	-
<i>C. miniata</i>	X	XX
<i>C. occidentalis</i>	X	XXX
<i>C. rhexifolia</i>	X	-
<i>C. septentrionalis</i>	-	XX
<i>Collinsia parviflora</i>	X	XX
<i>Melampyrum lineare</i>	X	-
<i>Pedicularis bracteosa</i>	X	XX
<i>P. contorta</i>	X	XXX
<i>P. racemosa</i>	X	XX
<i>Penstemon confertus</i>	X	XX
<i>P. ellipticus</i>	X	X
<i>P. eriantherus</i>	X	X
<i>P. fruticosus</i>	X	-
<i>P. fruticosus</i> var. or ssp. <i>scouleri</i>	-	X
<i>Verbascum thapsus</i>	-	X
<i>Veronica alpina</i>	X	
<i>V. alpina</i> var. <i>unalascensis</i>	-	XX
<i>V. americana</i>	X	X
<b>URTICACEAE</b>		
<i>Urtica dioica</i> var. <i>procera</i>	-	X
<i>U. gracilis</i> = <i>U. dioica</i>	-	X
<i>U. gracilis</i> = <i>U. dioica</i> var. <i>gracilis</i>	X	-
<b>VALERIANACEAE</b>		
<i>Valeriana sitchensis</i>	X	XXX
<b>VIOLACEAE</b>		
<i>Viola adunca</i>	X	XXX
<i>V. canadensis</i> var. <i>rugulosa</i> = <i>V. rugulosa</i>	X	XX
<i>V. glabella</i>	-	X
<i>V. nephrophylla</i>	X	-
<i>V. orbiculata</i>	X	X
<i>V. renifolia</i>	X	-
<b><u>PTERIDOPHYTES</u></b>		
<b><u>Equisetopsida</u></b>		
<b>EQUISETACEAE</b>		
<i>Equisetum arvense</i>	X	XX
<i>E. fluviatile</i>	X	-
<i>E. hyemale</i>	-	X
<i>E. hyemale</i> var. <i>elatum</i>	X	-
<i>E. pratense</i>	X	-
<i>E. scirpoides</i>	X	-

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>EQUISETACEAE (cont'd.)</b>		
Equisetum sylvaticum var. pauciramosum	X	-
E. variegatum var. variegatum	X	-
<u><b>Lycopodopsida</b></u>		
<b>LYCOPODIACEAE</b>		
Lycopodium alpinum	X	-
L. annotinum	X	X
L. clavatum	X	-
L. complanatum	X	X
L. sabinaefolium var. sitchense = L. sitchense	X	-
L. selago		
<b>SELAGINELLACEAE</b>		
Selaginella densa	X	-
S. selaginoides	X	-
<u><b>Pteropsida</b></u>		
<b>ADIANTACEAE</b>		
Cheilanthes feei	X	-
Pellaea glabella	X	-
<b>ASPLENIACEAE</b>		
Asplenium viride	X	X
<b>DRYOPTERIDACEAE</b>		
Athyrium filix-femina	X	-
Cystopteris fragilis	-	XX
C. fragilis var. fragilis	X	-
C. montana	X	-
Dryopteris expansa = D. assimilis	X	-
Gymnocarpium dryopteris	X	X
Polystichum lonchitis	X	XX
Woodsia oregana var. oregana	X	-
W. scopulina	X	-
<b>OPHIGLOSSACEAE</b>		
Botrychium lunaria	X	-
B. cf. hersperium "most probably B. h." Adolf Cithe 2/8/96	X	-
B. virginianum var. virginianum	X	-
<u><b>MONOCOTYLEDONS</b></u>		
<b>CYPERACEAE</b>		
Carex aenea	X	-
C. albo-nigra	X	-
C. aquatilis	X	-
C. atherodes	X	-
C. atosquama	X	-
C. aurea = C. garberi	XX	XX
C. aurea/C. vaginata (both spp. on same mount)	-	X
C. bebbii	X	-
C. brunnescens	X	-
C. buxbaumii	X	-
C. capillaris	X	-
C. capillaris ssp. chlorostachys	-	X
C. concinna	X	X



	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>CYPERACEAE (cont'd.)</b>		
<i>Carex concinnoides</i>	X	X
<i>C. crawei</i>	X	-
<i>C. deweyana</i>	X	-
<i>C. diandra</i>	X	-
<i>C. disperma</i>	X	-
<i>C. eburnea</i>	X	-
<i>C. exsiccata</i>	-	X
<i>C. flava</i>	X	-
<i>C. gynocrates</i>	X	X
<i>C. haydeniana</i>	X	X
<i>C. hoodii</i>	X	-
<i>C. interior</i>	X	-
<i>C. lasiocarpa</i>	X	-
<i>C. leptalea</i>	X	-
<i>C. limosa</i>	X	-
<i>C. livida</i>	X	-
<i>C. macloviana</i>	X	-
<i>C. microglochin</i>	X	-
<i>C. nardina</i>	X	XXX
<i>C. nigricans</i>	X	X
<i>C. norvegica</i>	X	-
<i>C. pachystachya</i>	X	-
<i>C. paupercula</i>	X	-
<i>C. petasata</i>	X	-
<i>C. phaeocephala</i>	X	-
<i>C. physocarpa</i> = <i>C. saxatalis</i>	X	-
<i>C. platylepis</i>	X	-
<i>C. praticola</i>	X	-
<i>C. raymondii</i>	X	-
<i>C. retrorsa</i>	-	X
<i>C. richardsonii</i>	-	X
<i>C. rossii</i>	X	-
<i>C. rostrata</i>	X	-
<i>C. sartwellii</i>	X	-
<i>C. scirpoidea</i>	X	XX
<i>C. scirpoidea</i> var. <i>scirpoidea</i>	-	XX
<i>C. scoparia</i>	X	-
<i>C. spectabilis</i>	X	-
<i>C. vaginata</i>	X	X
<i>C. viridula</i> = <i>C. oederi</i>	-	X
<i>C. xerantica</i>	-	X
<i>C. cf. xerantica</i> (immature)	-	X
<i>Eleocharis acicularis</i>	X	-
<i>E. palustris</i>	X	-
<i>E. quinqueflora</i>	X	-
<i>Eriophorum chamissonis</i>	X	XX
<i>E. polystachion</i> = <i>E. angustifolium</i>	X	-
<i>E. viridi-carinatum</i>	X	-
<i>Kobresia myosuroides</i> = <i>K. bellardii</i>	X	-
<i>K. simpliciuscula</i>	X	-
<i>Scirpus acutus</i>	X	-
<i>S. cespitosus</i>	X	-
<i>S. pumilus</i>	X	-
<i>S. validus</i>	X	-
<i>Trichophorum pumillum</i> = <i>S. pumilus</i> (I. Macdonald/96)	-	X
<b>IRIDACEAE</b>		
<i>Sisyrinchium montanum</i>	X	X
<i>S. sarmentosum</i> = <i>S. septentrionale</i>	-	X

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>JUNCACEAE</b>		
<i>Juncus alpinus</i> = <i>J. alpinoarticulatus</i>	X	X
<i>J. balticus</i>	X	X
<i>J. drummondii</i>	X	X
<i>J. hallii</i>	-	XX
<i>J. nodosus</i>	X	X
<i>J. parryi</i>	X	-
<i>J. saximontanus</i> = <i>J. ensifolius</i> var. <i>montanus</i>	X	-
<i>J. tenuis</i> = <i>J. dudleyi</i>	X	-
<i>J. triglumis</i>	X	-
<i>Luzula hitchcockii</i> = <i>L. glabrata</i>	X	-
<i>L. parviflora</i>	X	X
<i>L. spadicea</i>	X	-
<i>L. spicata</i>	X	X
<b>JUNCAGINACEAE</b>		
<i>Triglochin maritima</i>	X	-
<i>T. palustris</i>	X	-
<b>LILIACEAE</b>		
<i>Allium cernuum</i>	X	XXX
<i>A. schoenoprasum</i> var. <i>sibiricum</i>	-	X
<i>Calochortus macrocarpum</i>	-	XX
<i>C. apiculatus</i>	-	X
<i>Clintonia uniflora</i>	X	X
<i>Disporum trachycarpum</i>	X	XX
<i>Erythronium grandiflorum</i>	X	XX
<i>Lilium philadelphicum</i>	X	XX
<i>Smilacina racemosa</i>	X	X
<i>S. stellata</i>	X	XXX
<i>Stenanthium occidentale</i>	X	XX
<i>Streptopus amplexifolius</i>	X	X
<i>S. roseus</i>	X	-
<i>Tofieldia glutinosa</i>	X	XX
<i>T. pusilla</i>	X	XX
<i>Veratrum eschscholtzii</i> = <i>V. viride</i>	X	X
<i>Zygadenus elegans</i>	X	XXX
<i>Z. venenosus</i> = <i>Z. gramineus</i>	X	-
<b>ORCHIDACEAE</b>		
<i>Calypso bulbosa</i>	X	X
<i>Coeloglossum viride</i> = <i>Habenaria viridis</i>	X	-
<i>Corallorhiza maculata</i>	X	-
<i>C. striata</i>	X	-
<i>C. trifida</i>	X	X
<i>Cypripedium montanum</i>	-	X
<i>C. passerinum</i>	X	XX
<i>Goodyera oblongifolia</i>	X	-
<i>G. repens</i>	X	X
<i>Listera borealis</i>	X	-
<i>L. cordata</i>	X	X
<i>Orchis rotundifolia</i>	X	XX
<i>Platanthera dilatata</i> = <i>Habenaria dilatata</i>	X	-
<i>P. dilatata</i> var. <i>leucostachys</i>	-	XX
<i>P. hyperborea</i> = <i>Habenaria hyperborea</i>	X	XX
<i>P. obtusata</i> = <i>Habenaria obtusata</i>	X	X
<i>P. orbiculata</i> = <i>Habenaria orbiculata</i>	X	-
<i>P. saccata</i> = <i>Habenaria saccata</i>	X	-
<i>P. unalascensis</i> = <i>Habenaria unalascensis</i>	X	X
<i>Spiranthes romanzoffiana</i>	X	X

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>POACEAE (= GRAMINEAE)</b>		
Agropyron pectiniforme = A. cristatum	X	-
A. dasystachyum	-	X
A. inerme	-	X
A. ? inerme	-	X
A. latiglume	-	X
A. repens	X	-
A. riparium	-	X
A. spicatum var. spicatum	X	-
A. subsecundum	-	X
A. trachycaulum	-	X
A. trachycaulum var. latiglume	X	-
A. trachycaulum var. majus	X	-
Agrostis exarata var. exarata	X	-
A. hyemalis = A. scabra	X	-
A. stolonifera var. major	X	-
A. stolonifera var. palustris	X	-
A. thurberiana	-	X
Bromus canadensis	X	-
Bromus canadensis = B. ciliatus (some authors)	X	-
B. carinatus	X	-
B. ciliatus	X	X
B. inermis	-	X
B. inermis ssp. inermis	X	-
B. inermis ssp. pumpellianus	X	-
B. pumpellianus	-	XXX
B. ? pumpellianus	-	X
B. tectorum	X	X
B. vulgaris	X	-
Calamagrostis canadensis	X	X
C. inexpansa	X	-
C. montanensis	X	-
C. neglecta	-	X
C. purpurascens	X	-
C. rubescens	X	X
C. cf. rubescens	-	X
Cinna latifolia	X	X
Danthonia californica = D. intermedia	X	-
Deschampsia atropurpurea	X	-
D. cespitosa var. cespitosa	X	-
Elymus glaucus var. glaucus	X	-
E. glaucus var. virescens	-	X
E. innovatus	X	XXXXX
E. ? virginicus	-	X
Festuca altaica = F. campestris	X	-
F. baffinensis	X	-
F. brachyphylla	-	XX
F. occidentalis	X	-
F. ovina var. brachyphylla	X	-
F. rubra	X	XX
F. saximontana var. purpuriana	X	-
F. ? viridula	-	X
Glyceria elata	X	-
G. striata	XX	-
Hierochloe odorata	X	-
H. jubatum	-	XX
H. jubatum var. jubatum	X	-
Koeleria macrantha = K. cristata	X	X
Melica smithii	X	-
Oryzopsis asperifolia	X	XX
O. hymenoides	X	-

	HOT SPRINGS W.O. HERBARIUM	NIPIKA HERBARIUM
<b>POACEAE (cont'd.)</b>		
<i>Oryzopsis micrantha</i>	X	-
<i>O. pungens</i>	X	-
<i>Phleum commutatum</i> = <i>P. alpinum</i>	X	XXXX
<i>P. pratense</i>	X	X
<i>Poa</i> ? sp.	-	X
<i>Poa alpina</i>	X	XXXX
<i>P. cf. alpina</i>	-	X
<i>P. annua</i>	X	X
<i>P. arctica</i>	X	XX
<i>P. canbyi</i>	X	-
<i>P. compressa</i>	X	-
<i>P. epilis</i>	X	X
<i>P. ? epilis</i>	-	X
<i>P. glauca</i> ssp. <i>glauca</i> ?	-	X
<i>P. grayana</i>	-	X
<i>P. interior</i>	X	-
<i>P. leptocoma</i>	X	-
<i>P. palustris</i>	X	XX
<i>P. ? pattersonii</i>	-	X
<i>P. pratensis</i>	X	XX
<i>P. pratensis</i> ssp. <i>pratensis</i>	-	XX
"likely <i>P. pratensis</i> " K. Wilkinson/96	-	X
<i>P. rupicola</i>	X	-
<i>P. secunda</i> ssp. <i>secunda</i>	-	XX
"not <i>P. nervosa</i> ; closer to <i>P. secunda</i> " J.L. Penny/96	X	-
<i>P. stenantha</i>	X	-
<i>Schizachne purpurascens</i>	X	-
<i>Stipa columbiana</i>	X	XXX
<i>S. comata</i>	X	-
<i>S. richardsonii</i>	X	X
<i>Trisetum spicatum</i>	X	XXXXXXXX
<i>T. ? spicatum</i>	-	X
<i>Vahlodea atropurpurea</i> = <i>Deschampsia atropurpurea</i>	X	XXX
<i>V. ? atropurpurea</i>	-	X
<b>POTAMOGETONACEAE (= NAJADACEAE)</b>		
<i>Potamogeton alpinus</i> var. <i>tenuifolius</i>	X	-
<i>P. berchtoldii</i>	X	-
<i>P. gramineus</i>	X	-
<i>P. gramineus</i> var. <i>gramineus</i>	X	-
<i>P. praelongus</i>	X	-
<b>SPARGANIACEAE</b>		
<i>Sparganium minimum</i>	X	-
<b>TYPHACEAE</b>		
<i>Typha latifolia</i>	X	-

## APPENDIX II.

### LABEL CONTENTS FOR RARE STATUS SPECIMENS\* IN THE KOOTENAY NP HERBARIA

(as of January 1997)

\* based on B.C. CDC rare vascular tracking lists for Kootenay Lake Forest District (#57), Invermere Forest District (#52), and the Provincial tracking list for rare plants; all dated June 10, 1996 (see attached). Note that status may change at any time after this date. Parks should obtain updates from the CDC at least once a year, and alter their checklists accordingly.

#### W.O. HERBARIUM (Radium Hot Springs)

##### ***Astragalus bourgovii***

Near Split Peak, Kootenay NP. 11 UNG 72 42.  
Lower subalpine zone: 1910 m asl. Bare rock glacier.  
[specimen in bud and flower]  
Coll/ID: Matt Fairbarns  
Stet!: J.L. Penny B.C. C.D.C. Mar 1, 1996

July 12/82

##### ***Botrychium hesperium***

Mount Wardle area, Kootenay NP. 11 UNG 714 444.  
Montane zone: 1320 m asl. Closed forest: *Pinus contorta-Pseudotsuga menziesii*/  
*Symphoricarpos albus-Linnaea borealis/Pleurozium schreberi*.  
Mesic to subxeric; till veneer over inclined rock. lithic Eluviated Eutric Brunisol.  
Coll: H. Dudynsky #027  
ID: Matt Fairbarns as *B. matricariaefolium* var. *matricariaefolium*  
Reverified: Adolf Cithe (sp.?) Aug 2/96 "*B. matricariaefolium* most probably *B. hesperium*"

June 14/82

##### ***Calamagrostis montanensis***

Mount Shanks, Kootenay NP. 11 UNG 747 483.  
Montane zone: 1330 m asl. Open forest: *Picea glauca/Linnaea borealis-Aster*  
*conspicuus-Oryzopsis asperifolia/feathermoss*.  
Mesic; aeolian veneer on till blanket on inclined rock. Orthic Eutric Brunisol.  
Coll: H. Dudynsky plot#1010 ID: Matt Fairbarns  
Stet!: J.L. Penny B.C. C.D.C. Jan 1996

July 10/81

##### ***Carex crawei***

Cross River Fire Road, Kootenay NP.  
Montane zone. Shaded roadside.  
Coll: H. Dudynsky ID: Matt Fairbarns  
Stet!: J. Penny B.C. C.D.C. Jan 1996

July 21/81

##### ***Carex scoparia***

Tumbling Creek, Kootenay NP. 11 UNG 564 684.  
Lower Subalpine zone: 1560 m asl. Closed forest: *Picea engelmannii-Abies lasiocarpa*/  
*Menziesia glabella-Vaccinium membranaceum/Gymnocarpium dryopteris-Cornus*  
*canadensis/Pleurozium schreberi-Barbilophozia lycopodioides*.  
Subhygric; hummocky ice contact deposits. turbic, Eluviated Dystric Brunisol.  
Coll/ID: Matt Fairbarns plot #2092  
Stet!: J. Penny B.C. C.D.C. Jan 1996

Aug 22/82

##### ***Draba porsildii***

Above Nixon Creek, Kootenay NP.  
Alpine zone: 2520 m asl. Alpine tundra.  
Coll: P. Achuff #4485 ID: G. Mulligan

July 9/82

***Erigeron lanatus***

Floe Pass, Kootenay NP. 11 UNG 605 611.  
Alpine zone: 2480 m asl. Open mat: *Dryas octopetala-Oxytropis podocarpa*.  
40% SW slope, mesic, imperfectly drained. Colluvium blanket on inclined rock,  
soliflucted. Orthic Regosol. [specimen in flower]  
Coll: H. Dudynsky #HD 2096 ID: Matt Fairbarns July 26/82  
Stet!: G.W. Douglas B.C. C.D.C. 1995

***Helenium autumnale var. grandiflorum***

Near Wardle Fire Tower, Kootenay NP.  
Lower Subalpine zone. [specimen in flower]  
Coll: H. Dudynsky #382 ID: Matt Fairbarns July 26/81  
Stet!: G.W. Douglas B.C. C.D.C. 1995

***Melica smithii***

Near Floe Lake, Kootenay NP. 11 UNG 621 563.  
Lower subalpine zone: 1590 m asl. Open forest: *Picea engelmannii-Abies*  
*lasiocarpa/Menziesia glabella-Rhododendron albiflorum-Vaccinium*  
*membranaceum/Rubus acaulis/moss*.  
Mesic; channeled fluvial fan. Orthic Eutric Brunisol.  
Coll: H. Dudynsky plot #2075 ID: Matt Fairbarns July 13/82  
Stet!: J.L. Penny B.C. C.D.C. Jan 1996

***Pedicularis contorta***

Helmet Cabin area, Kootenay NP. 11 UNG 48 73.  
Upper subalpine zone: 2190 m asl. Open heath (total cover = 45%): *Cassiope*  
*mertensiana-Phyllodoce empetriformis*.  
Mesic; aeolian veneer on hummocky till, failed. Orthic Eutric Brunisol.  
[specimen in flower]  
Coll/ID: Matt Fairbarns July 25/82  
Stet!: J.L. Penny B.C. C.D.C. Jan 1996

***Physaria didymocarpa***

Stoddart Creek, Kootenay NP. 11 UNG 695 026.  
Montane zone: 1050 m asl. *Agropyron spicatum* grassland.  
55% SW slope, xeric, rapidly drained. Colluvium veneer on residuum veneer on inclined  
rock. Orthic Regosol. [specimen in fruit]  
Coll: B. Berteau #BB 1004 ID: Matt Fairbarns June 28/81  
Stet!: J.L. Penny B.C. C.D.C. Mar 1, 1996

***Platanthera dilatata***

Whitetail Creek, Kootenay NP.  
Montane zone.  
[specimen in flower]  
Coll: P. Achuff #4019 ID: Matt Fairbarns July 12/81  
Stet!: J.L. Penny B.C. C.D.C. Mar 1, 1996

***Pyrola elliptica***

Lower Meadow Creek, Kootenay NP. 11 UNG 794 158  
Montane zone. Closed forest: *Picea hybrid-Betula papyrifera/Shepherdia canadensis-*  
*Ledum groenlandicum/Vaccinium membranaceum-Cornus canadensis-Linnaea*  
*borealis/Hylocomium splendens-Pleurozium schreberi*.  
1250 m asl. 35% NE slope, mesic, moderately well drained.  
Aeolian veneer on till blanket on inclined rock. Eluviated Eutric Brunisol.  
[specimen in fruit]  
Coll/ID: B. Berteau Plot#1018 July 22/81

Stet!: J.L. Penny B.C. C.D.C. 1996

***Townsendia hookeri***

Stoddart Creek, Kootenay NP.

Montane zone. Open forest: *Pseudotsuga menziesii*-*Pinus ponderosa*/*Juniperus scopulorum*/*Agropyron spicatum*.

[specimen in fruit]

Coll/ID: P. Achuff PLA #4419

May 30/82

The following species were also noted as occurring in the W.O. herbarium, and are considered rare. Specimens should be pulled from the herbarium and sent to the B.C. C.D.C. in Victoria for further identification/verification:

Family Apiaceae (= Umbelliferae)

*Cicuta maculata* (has a rare var. *maculata*)

Family Caryophyllaceae

*Minuartia austromontana* = *Arenaria rossii*

Family Onagraceae

*Epilobium ciliatum* (has a rare subsp. *watsonii*)

*Epilobium hornemannii* (has a rare subsp. *behringianum*)

Family Rubiaceae

*Galium trifidum* (has a rare subsp. *trifidum*)

**NIPIKA HERBARIUM (Nipika Interpretative Services Bldg.)**

***Astragalus bourgovii***

Mt. Wardle main range, Kootenay NP.  
N-facing ridge. Very dry, windy rocky slope. Scree. 8000 ft. asl.  
Very low, quite common. [specimen in bud and flower]  
Coll/ID: B. Golberg #372 (or #88) as *A. alpinus*?  
Redetermined: Ian D. Macdonald May 1996

July 7/68

***Carex xerantica***

Main Ridge, Mt. Wardle, Kootenay NP.  
Dry shale scree. SW slope. 8400 feet asl.  
Tufted.  
Coll/ID: B. Golberg #553 as *Carex*  
Determined: Ian D. Macdonald August 1996

Sept 12/68

***Carex cf. xerantica***

Mt. Wardle (Goat #1), Kootenay NP.  
Sandy-fairly dry between rocks. Open SW slope. 6300 feet asl.  
"Extensive, highly matted. Goats eat this."  
Coll/ID: B. Golberg #345 as *Carex*  
Determined: Ian D. Macdonald August 1996 "immature" specimen

June 26/68

***Erigeron lanatus***

Kootenay NP. Twp. 24-Rg. 16-Sect. 26. Barren.  
[specimen in flower]  
Coll/ID: K.E. Seel #177  
Stet!: G.W. Douglas B.C. C.D.C. 1995

July 20/61

***Minuartia biflora***

Main Ridge, Mt. Wardle, Kootenay NP.  
Moist spots under rocks in rocky tundra (shale scree). 8400 feet asl.  
Coll/ID: Golberg #562 as *Arenaria sajanensis*  
Determinavit: J. Penny B.C. C.D.C. Mar 1/1996

Sept 12/68

***Pedicularis contorta***

(3 specimen records were input onto dBase file and sent to B.C. CDC December 1995)

***Physaria didymocarpa***

Kootenay NP.  
[specimen in flower and fruit]  
Coll: Sharon Morgan Det: P. Achuff/H. Dudynsky Mar/82  
Stet!: J.L. Penny B.C. C.D.C. Mar 1, 1996

no date, 1981

***Senecio integerrimus var. ochroleucus***

Near Quarry below Mt. Wardle, Kootenay NP.  
Very moist flat floor of spruce forest near stream. 3950 feet asl.  
Coll/ID: Golberg #485 as *Senecio integerrimus*  
Redetermined: K. Wilkinson May 10/1996

July 21/68

***Townsendia exscapa***

Near Redstreak Campground, Kootenay NP.  
Twp. 19-Rg. 15-Sect. 19. Open woodlot.  
[specimen in late flowering stage]  
Coll/ID: K.E. Seel #211 as *Erigeron ochroleucus*?  
Redetermined: Ian D. Macdonald May 1996

May 13/62



***Trichophorum pumilum***

Bank of Vermilion River below Mt. Wardle, Kootenay NP.

Moist sand/clay. Open spruce/alder flat. 3950 feet asl.

Common.

Coll: B. Golberg #321 as *Carex*

Determined: Ian D. Macdonald May 1996 "*T. p.* = *Scirpus pumilis*"

June 18/68

(To obtain a copy of this list, please print from your web browser)  
**B.C. Conservation Data Centre: Rare Vascular Plant Tracking List**  
**Invermere Forest District (FD # 52) Kootenay NP**  
**June 10, 1996**

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	PROVINCIAL RANK
<b>*** FERNS AND ALLIES</b>			
ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR FERN	G5	S1
PELLAEA ATROPURPUREA	PURPLE CLIFF-BRAKE	G5	S1?
WOODSIA GLABELLA	SMOOTH CLIFF FERN	G5	S2S3
<b>*** DICOTS</b>			
ANGELICA DAWSONII	DAWSON'S ANGELICA	G4	S2S3
ASTER ASCENDENS	LONG-LEAVED ASTER	G5	S1?
ASTRAGALUS BOURGOVII	BOURGEAU'S MILK-VETCH	G5	S2S3
ASTRAGALUS FILIPES	THREADSTALK MILK-VETCH	G5	S2S3
ATRIPLEX ARGENTEA SSP ARGENTEA	SILVERY ORACHE	G5T5	S1
BRAYA PURPURASCENS	PURPLE BRAYA	G4G5	S1?
CASTILLEJA GRACILLIMA	SLENDER PAINTBRUSH	G3G4	S2S3
CASTILLEJA LUTESCENS	YELLOWISH PAINTBRUSH	G4G5	S2
CASTILLEJA MINOR SSP MINOR	ANNUAL PAINTBRUSH	G5T5	S1
CHAENACTIS DOUGLASII VAR MONTANA	HOARY FALSE YARROW	G5T?	S1?
DELPHINIUM BICOLOR	MONTANA LARKSPUR	G4G5	S2S3
DRABA RUAXES	COAST MOUNTAIN DRABA	G2G3	S2S3
EPILOBIUM GLABERRIMUM SSP FASTIGIATUM	SMOOTH WILLOWHERB	G5T?	S2S3
ERIGERON LANATUS	WOOLY DAISY	G3	S2S3
GAURA COCCINEA	SCARLET GAURA	G5	S1
GAYOPHYTUM RAMOSISSIMUM	HAIRSTEM GROUNDSMOKE	G5	S1
HELIANTHUS NUTTALLII VAR NUTTALLII	NUTTALL'S SUNFLOWER	G5T5	S1
MEGALODONTA BECKII VAR BECKII	WATER MARIGOLD	G4G5T4	S2S3
PEDICULARIS CONTORTA	COIL-BEAKED LOUSEWORT	G5	S2S3
PHACELIA LYALLII	LYALL'S PHACELIA	G3	S1?
PHYSARIA DIDYMOCARPA VAR DIDYMOCARPA	COMMON TWINPOD	G5T4	S2S3
PLANTAGO ERIOPODA	ALKALI PLANTAIN	G4	S1?
SALIX BOOTHII	BOOTH'S WILLOW	G5	S2S3
SANGUISORBA OCCIDENTALIS	WESTERN BURNET	G4G5	S2S3
SPHAERALCEA COCCINEA	SCARLET GLOBE-MALLOW	G5?	SH
THELLUNGIELLA SALSUGINEA	SALT-WATER CRESS	G?	SH
TOWNSENDIA EXSCAPA	EASTER DAISY	G5	S1
TOWNSENDIA HOOKERI	HOOKER'S TOWNSENDIA	G5	S1
<b>*** MONOCOTS</b>			
CALAMAGROSTIS MONTANENSIS	PLAINS REEDGRASS	G5	S1?
CAREX MARITIMA	CURVED-SPIKED SEDGE	G4G5	S2S3
CAREX SYCHNOCEPHALA	MANY-HEADED SEDGE	G4	S2S3
EPIPACTIS GIGANTEA	GIANT HELLEBORINE	G4	S2
GLYCERIA PULCHELLA	SLENDER MANNAGRASS	G5	S2S3
JUNCUS ARCTICUS SSP ALASKANUS	ARCTIC RUSH	G5T?	S1?
MUHLENBERGIA ANDINA	FOXTAIL MUHLY	G4	S1
MUHLENBERGIA GLOMERATA	MARSH MUHLY	G4	S2S3
POTAMOGETON STRICTIFOLIUS	STIFF-LEAVED PONDWEED	G5	S1?
SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	G5	S1
SCIRPUS PALLIDUS	PALE BULRUSH	G5	S1?
SCOLOCHLOA FESTUCACEA	SPRANGLE-TOP	G5	S2S3
SPHENOPHOLIS OBTUSATA VAR MAJOR	PRAIRIE WEDGEGRASS	G5T5	S1
SPHENOPHOLIS OBTUSATA VAR OBTUSATA	PRAIRIE WEDGEGRASS	G5T5	S1
TRisetum WOLFII	WOLF'S TRisetum	G4	S1?

(To obtain a copy of this list, please print from your web browser)  
**B.C. Conservation Data Centre: Rare Vascular Plant Tracking List**  
**Kootenay Lake Forest District (FD # 57)** *Kootenay NP*  
**June 10, 1996**

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	PROVINCIAL RANK
<b>*** FERNS AND ALLIES</b>			
CHEILANTHES GRACILLIMA	LACE FERN	G4G5	S2S3
DRYOPTERIS CRISTATA	CRESTED WOOD FERN	G5	S2S3
<b>*** DICOTS</b>			
ANEMONE CANADENSIS	CANADA ANEMONE	G5	S1?
ANEMONE PIPERI	PIPER'S ANEMONE	G4	S1?
ARABIS CALDERI	CALDER'S ROCKCRESS	G3	S2S3
ARTEMISIA LUDOVICIANA VAR INCOMPTA	WESTERN MUGWORT	G5T?	S1?
BIDENS VULGATA	TALL BEGGARTICKS	G5	S1
DELPHINIUM BICOLOR	MONTANA LARKSPUR	G4G5	S2S3
DOWNINGIA ELEGANS	COMMON DOWNINGIA	G5	SX
EPILOBIUM HALLEANUM	HALL'S WILLOWHERB	G5	S2S3
GLYCYRRHIZA LEPIDOTA VAR LEPIDOTA	WILD LICORICE	G5T?	S1
HELENIUM AUTUMNALE VAR GRANDIFLORUM	MOUNTAIN SNEEZEWEED	G5T?	S2S3
HETEROCODON RARIFLORUM	HETEROCODON	G5	S2S3
HYPERICUM SCOULERI SSP NORTONIAE	WESTERN ST. JOHN'S-WORT	G5T?	S2S3
IDAHOA SCAPIGERA	SCALEPOD	G5	S2
IMPATIENS AURELLA	ORANGE TOUCH-ME-NOT	G4?	S1?
IMPATIENS CAPENSIS	SPOTTED TOUCH-ME-NOT	G5	S2S3
IMPATIENS CALCARATA	SPURLESS TOUCH-ME-NOT	G3G4	S2S3
LEWISIA TRIPHYLLA	THREE-LEAVED LEWISIA	G4?	S1?
LINANTHUS HARKNESSII	HARKNESS' LINANTHUS	G3G4	S1
LINANTHUS SEPTENTRIONALIS	NORTHERN LINANTHUS	G5	S2
LUPINUS ARBUSTUS SSP PSEUDOPARVIFLORUS	MONTANA LUPINE	G5T?	S1
MEGALODONTA BECKII VAR BECKII	WATER MARIGOLD	G4G5T4	S2S3
MERTENSIA PANICULATA VAR BOREALIS	TALL BLUEBELLS	G5T?	S2S3
MONARDELLA ODORATISSIMA	MONARDELLA	G4G5	S1
MYRIOPHYLLUM USSURIENSE	USSURIAN WATER-MILFOIL	G3	S2S3
NEMOPHILA BREVIFLORA	GREAT BASIN NEMOPHILA	G5	S2S3
OXYTROPIS COLUMBIANA	COLUMBIA RIVER LOCOWEED	G3	S3
PEDICULARIS CONTORTA	COIL-BEAKED LOUSEWORT	G5	S2S3
POLYGONUM POLYGALOIDES SSP KELLOGGII	KELLOGG'S KNOTWEED	G4G5T?	S1?
RANUNCULUS FLABELLARIIS	YELLOW WATER-BUTTERCUP	G5	S1
RANUNCULUS MACOUNII VAR OREGANUS	MACOUN'S BUTTERCUP	G5T?	S1?
SANGUISORBA OCCIDENTALIS	WESTERN BURNET	G4G5	S2S3
SCROPHULARIA LANCEOLATA	LANCE-LEAVED FIGWORT	G5	S1?
SENECIO FOETIDUS VAR HYDROPHILOIDES	SWEET-MARSH BUTTERWEED	G4G5T3?	S1
SENECIO HYDROPHILUS	ALKALI-MARSH BUTTERWEED	G5	SH
STELLARIA OBTUSA	BLUNT-SEPALED STARWORT	G5	S2S3
THALICTRUM DASycARPUM	PURPLE MEADOWRUE	G5	S1?
THERMOPSIS RHOMBIFOLIA	PRAIRIE GOLDEN BEAN	G5	S1
<b>*** MONOCOTS</b>			
ACORUS AMERICANUS	AMERICAN SWEETFLAG	G5	S1?
CAREX AMPLIFOLIA	BIGLEAF SEDGE	G4	S1?
CAREX HELEONASTES	HUDSON BAY SEDGE	G4	S2S3
CAREX SAXIMONTANA	ROCKY MOUNTAIN SEDGE	G5	S2S3
CAREX TENERA	SLENDER SEDGE	G4G5	S2S3

CAREX VULPINOIDEA	FOX SEDGE	G5	S2S3
ELEOCHARIS PARVULA	SMALL SPIKE-RUSH	G5	S2S3
ELODEA NUTTALLII	NUTTALL'S WATERWEED	G5	S2S3
EPIPACTIS GIGANTEA	GIANT HELLEBORINE	G4	S2
JUNCUS REGELII	REGEL'S RUSH	G5	S2S3
MELICA BULBOSA	ONIONGRASS	G5	S1?
MELICA SMITHII	SMITH'S MELIC	G4	S2S3
PLATANThERA DILATATA VAR ALBIFLORA	FRAGRANT WHITE REIN ORCHID	G5T?	S1?
SPHENOPHOLIS OBTUSATA VAR OBTUSATA	PRAIRIE WEDGEGRASS	G5T5	S1

53 TAXA LISTED

*NOTE: The status and distribution of rare species and plant communities is regularly reviewed and updated. If your copy of this list is more than 3 months old, please visit the BC CDC site to check for a more current copy.*

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## B.C. Conservation Data Centre: Vascular Plant Provincial Tracking List

(Sorted Alphabetically by Scientific Name within Each Major Group)

June 10, 1996

SCIENTIFIC NAME	COMMON NAME	GLOBAL RANK	PROVINCIAL RANK	PROVINCIAL LIST
<b>*** FERNS AND ALLIES</b>				
ADIANTUM CAPILLUS-VENERIS	SOUTHERN MAIDENHAIR FERN	G5	S1	RED
ASPLENIUM ADULTERINUM	CORRUPT SPLEENWORT	GU	S1?	BLUE
AZOLLA MEXICANA	MOSQUITO FERN	G5	S1	RED
BOTRYCHIUM ASCENDENS	UPSWEPT MOONWORT	G3?	S1?	BLUE
BOTRYCHIUM CRENULATUM		G3?	S1?	BLUE
BOTRYCHIUM HESPERIUM	WESTERN MOONWORT	G3	S1?	BLUE
BOTRYCHIUM MATRICARIIFOLIUM	CHAMOMILE MOONWORT	G5	S1?	BLUE
BOTRYCHIUM MONTANUM	WESTERN GOBLIN	G3	S1?	BLUE
BOTRYCHIUM PARADOXUM	TWO-SPIKED MOONWORT	G2	S1	RED
BOTRYCHIUM PEDUNCULOSUM	STALKED MOONWORT	G3?	S1?	BLUE
BOTRYCHIUM PINNATUM	NORTHWESTERN MOONWORT	G4?	S1?	BLUE
BOTRYCHIUM SIMPLEX	LEAST MOONWORT	G5	S1?	BLUE
CHEILANTHES GRACILLIMA	LACE FERN	G4G5	S2S3	BLUE
CRYPTOGRAMMA CASCADENSIS	CASCADE PARSLEY FERN	G5	S1?	BLUE
DRYOPTERIS ARGUTA	COASTAL WOOD FERN	G5	S2S3	BLUE
DRYOPTERIS CRISTATA	CRESTED WOOD FERN	G5	S2S3	BLUE
DRYOPTERIS MARGINALIS	MARGINAL WOOD FERN	G5	S1	RED
GYMNOCARPIUM JESSEENSE SSP PARVULUM	NAHANNI OAK FERN	G5T4	S1?	BLUE
ISOETES HOWELLII	HOWELL'S QUILLWORT	G5?	S1	RED
ISOETES NUTTALLII	NUTTALL'S QUILLWORT	G5	S2S3	BLUE
MARSILEA VESTITA	HAIRY WATER-CLOVER	G5	S1	RED
OPHIOGLOSSUM PUSILLUM	NORTHERN ADDER'S-TONGUE	G5	S1	RED
PELLAEA ATROPURPUREA	PURPLE CLIFF-BRAKE	G5	S1?	BLUE
POLYPODIUM VIRGINIANUM	VIRGINIA POLYPODY	G5	SH	RED
POLYSTICHUM CALIFORNICUM	CALIFORNIA SWORD-FERN	G4	SH	RED
POLYSTICHUM KRUCKEBERGII	KRUCKEBERG'S SWORD FERN	G4	S2S3	BLUE
POLYSTICHUM LEMMONII	LEMMON'S SWORD FERN	G4	S1	RED
POLYSTICHUM SCOPULINUM	ROCK SWORD FERN	G5	S1	RED
POLYSTICHUM SETIGERUM	ALASKA HOLLY FERN	G3	S1?	BLUE
SELAGINELLA OREGANA	OREGON SELAGINELLA	G4	S1?	BLUE
THELYPTERIS NEVADENSIS	SIERRA WOOD FERN	G4	S1	RED
THELYPTERIS QUELPAERTENSIS	MOUNTAIN FERN	G3	S2S3	BLUE
WOODSIA ALPINA	NORTHERN WOODSIA	G5	S1?	BLUE
WOODSIA GLABELLA	SMOOTH CLIFF FERN	G5	S2S3	BLUE
WOODSIA ILVENSIS	RUSTY CLIFF FERN	G5	S2S3	BLUE
WOODWARDIA FIMBRIATA	GIANT CHAIN FERN	G5	S2	RED
<b>*** CONIFERS</b>				
PINUS BANKSIANA	JACK PINE	G5	S1?	BLUE
<b>*** DICOTS</b>				
ABRONIA UMBELLATA SSP ACUTALATA	PINK SAND-VERBENA	G4TXQ	SX	RED
AGASTACHE FOENICULUM	GIANT-HYSSOP	G4G5	SH	RED
AGASTACHE URTICIFOLIA	NETTLE-LEAVED GIANT-HYSSOP	G4G5	S2	RED
AGOSERIS LACKSCHEWITZII	PINK AGOSERIS	G3	S1?	BLUE
AMMANNIA COCCINEA	SCARLET AMMANNIA	G5	S1	RED
AMSINCKIA RETRORSA	RIGID FIDDLENECK	G5	S1	RED
ANDROSACE CHAMAEJASME	SWEET-FLOWERED FAIRY-CANDELABRA	G5	S1?	BLUE
ANEMONE CANADENSIS	CANADA ANEMONE	G5	S1?	BLUE
ANEMONE DRUMMONDII VAR DRUMMONDII	DRUMMOND'S ANEMONE	G4T4	S2S3	BLUE
ANEMONE PIPERI	PIPER'S ANEMONE	G4	S1?	BLUE
ANEMONE RIPARIA	RIVERBANK ANEMONE	G4G5	S1	RED
ANGELICA DAWSONII	DAWSON'S ANGELICA	G4	S2S3	BLUE
APHRAGMUS ESCHSCHOLTZIANUS	ESCHSCHOLTZ'S LITTLE NIGHTMARE	G3	S1?	BLUE
APOCYNUM MEDIUM	WESTERN DOGBANE	G5?	S2S3	BLUE
APOCYNUM SIBIRICUM VAR	CLASPING-LEAVED DOGBANE	G5T?	S1?	BLUE

SALIGNUM					
ARABIS CALDERI	CALDER'S ROCKCRESS	G3	S2S3	BLUE	
ARABIS CODYI	CODY'S ROCKCRESS	G1	S1	RED	
ARABIS HIRSUTA VAR HIRSUTA	HAIRY ROCKCRESS	G5T5	S1?	BLUE	
ARABIS HOLBOELLII VAR	HOLBOELL'S ROCKCRESS	G5T?	S2S3	BLUE	
COLLINSII					
ARABIS HOLBOELLII VAR	HOLBOELL'S ROCKCRESS	G5T?	S1?	BLUE	
PINETORUM					
ARABIS LEMMONII VAR	LEMMON'S ROCKCRESS	G5T?	S1?	BLUE	
DEPAUPERATA					
ARABIS LEMMONII VAR	LEMMON'S ROCKCRESS	G5T?	S1?	BLUE	
DREPANOLOBA					
ARABIS LIGNIFERA	WOODY-BRANCHED ROCKCRESS	G5	S2S3	BLUE	
ARABIS MURRAYI	MURRAY'S ROCKCRESS	G3	S2S3	BLUE	
ARABIS SPARSIFLORA	SICKLE-POD ROCKCRESS	G5	S1	RED	
ARENARIA LONGIPEDUNCULATA	LOW SANDWORT	G3G4	S1?	BLUE	
ARNICA CHAMISSONIS SSP INCANA	MEADOW ARNICA	G5T?	S1?	BLUE	
ARNICA LONGIFOLIA	SEEP-SPRING ARNICA	G5	S1?	BLUE	
ARNICA LOUISEANA	LAKE LOUISE ARNICA	G3	S1?	BLUE	
ARTEMISIA ALASKANA	ALASKA SAGEBRUSH	G4	S1?	BLUE	
ARTEMISIA CANA SSP CANA	SILVER SAGEBRUSH	G4?T4?	S1	RED	
ARTEMISIA FURCATA VAR	THREE-FORKED MUGWORT	G4T?	S1?	BLUE	
HETEROPHYLLA					
ARTEMISIA LONGIFOLIA	LONG-LEAVED MUGWORT	G5	S2	RED	
ARTEMISIA LUDOVICIANA VAR	WESTERN MUGWORT	G5T?	S1?	BLUE	
INCOMPTA					
ASTER ASCENDENS	LONG-LEAVED ASTER	G5	S1?	BLUE	
ASTER CURTUS	WHITE-TOP ASTER	G3	S2	RED	
ASTER FRONDOSUS		G4	S1	RED	
ASTER PAUCICAPITATUS	OLYMPIC MOUNTAIN ASTER	G3?	S2S3	BLUE	
ASTER RADULINUS	ROUGH-LEAVED ASTER	G4G5	S1	RED	
ASTRAGALUS BOURGOVII	BOURGEAU'S MILK-VETCH	G5	S2S3	BLUE	
ASTRAGALUS CONVALLARIUS	LESSER RUSTY MILK-VETCH	G5	SH	RED	
ASTRAGALUS CRASSICARPUS	GROUND PLUM	G5	S1?	BLUE	
ASTRAGALUS DRUMMONDII	DRUMMOND'S MILK-VETCH	G5	S1?	BLUE	
ASTRAGALUS FILIPES	THREADSTALK MILK-VETCH	G5	S2S3	BLUE	
ASTRAGALUS LENTIGINOSUS	FRECKLED MILK-VETCH	G5	S2	RED	
ASTRAGALUS MICROCYSTIS	LEAST BLADDERY MILK-VETCH	G5	S1	RED	
ASTRAGALUS SCLEROCARPUS	DALLES MILK-VETCH	G5	S2	RED	
ASTRAGALUS SPALDINGII SSP	SPALDING'S MILK-VETCH	G3?T3?	S1	RED	
SPALDINGII					
ASTRAGALUS UMBELLATUS	TUNDRA MILK-VETCH	G4	S2S3	BLUE	
ATRIplex ALASKENSIS	ALASKAN ORACHE	G3G4Q	SH	RED	
ATRIplex ARGENTEA SSP ARGENTEA	SILVERY ORACHE	G5T5	S1	RED	
ATRIplex NUTTALLII	NUTTALL'S ORACHE	G5	S1	RED	
BALSAMORHIZA DELTOIDEA	DELTOID BALSAMROOT	G5	S2	RED	
BESSEYA WYOMINGENSIS	WYOMING KITTEN-TAILS	G5	S1?	BLUE	
BIDENS AMPLISSIMA	VANCOUVER ISLAND BEGGARTICKS	G3	S3	BLUE	
BIDENS VULGATA	TALL BEGGARTICKS	G5	S1	RED	
BRAYA PURPURASCENS	PURPLE BRAYA	G4G5	S1?	BLUE	
BRICKELLIA GRANDIFLORA	LARGE-FLOWERED BRICKELLIA	G5	S1	RED	
BRICKELLIA OBLONGIFOLIA SSP	NARROW-LEAVED BRICKELLIA	G5T5	S1	RED	
OBLONGIFOLIA					
BUPLEURUM AMERICANUM	AMERICAN THOROUGH-WAX	G5	S1?	BLUE	
CACALIOPSIS NARDOSMIA SSP	SILVERCROWN	G4G5T?	S1	RED	
GLABRATA					
CALLITRICHE ANCEPS	TWO-EDGED WATER-STARWORT	G5	S2S3	BLUE	
CALLITRICHE MARGINATA	WINGED WATER-STARWORT	G4	S1?	BLUE	
CALTHA PALUSTRIS SSP	YELLOW MARSH-MARIGOLD	G5T?	S1?	BLUE	
ASARIFOLIA					
CALYPTRIDIDIUM UMBELLATUM VAR	MOUNT HOOD PUSSYPAWS	G4G5T?	S1?	BLUE	
CAUDICIFERUM					
CAMISSONIA ANDINA	ANDEAN EVENING PRIMROSE	G4	S1	RED	
CAMISSONIA BREVIFLORA	SHORT-FLOWERED	G5	SH	RED	
	EVENING-PRIMROSE				
CAMISSONIA CONTORTA	CONTORTED-POD EVENING-PRIMROSE	G5	S1	RED	
CARDAMINE ANGULATA	ANGLED BITTER-CRESS	G5	S2S3	BLUE	
CARDAMINE PARVIFLORA	SMALL-FLOWERED BITTER-CRESS	G5	S1?	BLUE	
CASTILLEJA AMBIGUA	PAINTBRUSH OWL-CLOVER	G4	S2	RED	
CASTILLEJA FULVA	BOREAL PAINTBRUSH	G1?	SH	RED	
CASTILLEJA GRACILLIMA	SLENDER PAINTBRUSH	G3G4	S2S3	BLUE	
CASTILLEJA HYPERBOREA	NORTHERN PAINTBRUSH	G4	S1?	BLUE	
CASTILLEJA LEVISECTA	GOLDEN INDIAN PAINTBRUSH	G1	S1	RED	
CASTILLEJA LUTESCENS	YELLOWISH PAINTBRUSH	G4G5	S2	RED	
CASTILLEJA MINOR SSP MINOR	ANNUAL PAINTBRUSH	G5T5	S1	RED	
CASTILLEJA PALLESCENS	PALISH PAINTBRUSH	G4	S1	RED	
CASTILLEJA RUPICOLA	CLIFF PAINTBRUSH	G2G3	S1?	BLUE	
CASTILLEJA TENUIS	HAIRY OWL-CLOVER	G5	S1	RED	
CAUCALIS MICROCARPA	CALIFORNIA HEDGE-PARSLEY	G5?	S1?	BLUE	
CENTAURIUM EXALTATUM	WESTERN CENTAURY	G5	S1	RED	
CENTAURIUM MUHLENBERGII	MUHLENBERG'S CENTAURY	G4	S1	RED	

## BC CDC PROVINCIAL TRACKING LIST, RARE PLANTS

CENTUNCULUS MINIMUS	CHAFFWEED	G5	S2S3	BLUE
CERASTIUM FISCHERIANUM	FISHER'S CHICKWEED	G4	S1?	BLUE
CHAENACTIS DOUGLASII VAR MONTANA	HOARY FALSE YARROW	G5T?	S1?	BLUE
CHAMAERHODOS ERECTA SSP NUTTALLII	AMERICAN CHAMAERHODOS	G5?T5?	S2S3	BLUE
CHENOPODIUM ATROVIRENS	DARK LAMB'S-QUARTERS	G5	S1	RED
CHENOPODIUM LEPTOPHYLLUM VAR OBLONGIFOLIUM	NARROW-LEAVED GOOSEFOOT	G5T?	S2	RED
CHRYSOSPLENIUM IOWENSE	GOLDEN CARPET	G2G3	SH	RED
CHRYSOSPLENIUM WRIGHTII	GOLDEN CARPET	G5?	S1?	BLUE
CICUTA MACULATA VAR MACULATA	SPOTTED COWBANE	G5T5	S1?	BLUE
CICUTA VIROSA	EUROPEAN WATER-HEMLOCK	G4?	S1?	RED
CINICIFUGA ELATA	TALL BUGBANE	G2	S1	RED
CIRSIIUM SCARIOSUM	ELK THISTLE	G5	S1?	BLUE
CLARKIA RHOMBOIDEA	COMMON CLARKIA	G4	S1?	BLUE
CLAYTONIA MEGARHIZA VAR MEGARHIZA	ALPINE SPRINGBEAUTY	G4?T?	S1?	BLUE
CLAYTONIA TUBEROSA	TUBEROUS SPRINGBEAUTY	G4	S1?	BLUE
CNIDIUM CNIDIIFOLIUM	HEMLOCK-PARSLEY	G5	S1?	BLUE
COREOPSIS ATKINSONIANA	ATKINSON'S COREOPSIS	G5	S1	RED
CORNUS SUBCICA	DWARF BOG BUNCHBERRY	G5	S1?	BLUE
CORYDALIS SCOULERI	SCOULER'S CORYDALIS	G4	S1	RED
CRASSULA ERECTA	ERECT PIGMYWEED	G5	S2	RED
CREPIS ATRABARBA SSP ATRABARBA	SLENDER HAWKSBEARD	G5T5	S1	RED
CREPIS MODOCENSIS SSP MODOCENSIS	LOW HAWKSBEARD	G4G5T?	S1	RED
CREPIS MODOCENSIS SSP ROSTRATA	LOW HAWKSBEARD	G4G5T?	S1	RED
CREPIS OCCIDENTALIS SSP PUMILA	WESTERN HAWKSBEARD	G5T?	S1	RED
CRYPTANTHA AMBIGUA	OBSCURE CRYPTANTHA	G4	S2	RED
CRYPTANTHA CELOSIOIDES	COCKSCOMB CRYPTANTHA	G5	S1	RED
CRYPTANTHA FENDLERI	FENDLER'S CRYPTANTHA	G4	SH	RED
CRYPTANTHA INTERMEDIA VAR GRANDIFLORA	LARGE-FLOWERED CRYPTANTHA	G5T?	S1	RED
CRYPTANTHA NUBIGENA	SIERRA CRYPTANTHA	G3	SH	RED
CRYPTANTHA WATSONII	WATSON'S CRYPTANTHA	G5	S1	RED
CUSCUTA PENTAGONA	FIVE-ANGLED DODDER	G5	S2S3	BLUE
DELPHINIUM BICOLOR	MONTANA LARKSPUR	G4G5	S2S3	BLUE
DELPHINIUM DEPAUPERATUM	SLIM LARKSPUR	G5	S1	RED
DESCURAINIA SOPHIOIDES	NORTHERN TANSYMUSTARD	G5	S1?	BLUE
DIAPENSIA LAPPONICA	DIAPENSIA	G5	S1?	BLUE
DICENTRA UNIFLORA	STEER'S HEAD	G4?	S1?	BLUE
DOUGLASIA ALASKANA	ALASKAN FAIRY-CANDELABRA	G2G3	S1	RED
DOUGLASIA GORMANII	GORMAN'S DOUGLASIA	G3	S1?	BLUE
DOUGLASIA LAEVIGATA	SMOOTH DOUGLASIA	G3?	S2S3	BLUE
DOUGLASIA MONTANA	ROCKY MOUNTAIN DOUGLASIA	G4?	S1?	BLUE
DOWNINGIA ELEGANS	COMMON DOWNINGIA	G5	SX	RED
DRABA ALPINA	ALPINE DRABA	G4	S1?	BLUE
DRABA CINEREA	GRAY-LEAVED DRABA	G5	S2S3	BLUE
DRABA CORYMBOSA	BAFFIN'S BAY DRABA	G4G5	S2S3	BLUE
DRABA DENSIFOLIA	NUTTALL'S DRABA	G5	S1?	BLUE
DRABA FLADNIZENSIS	AUSTRIAN DRABA	G4	S2S3	BLUE
DRABA GLABELLA VAR GLABELLA	SMOOTH DRABA	G4G5T4	S2S3	BLUE
DRABA LACTEA	MILKY DRABA	G4?	S2S3	BLUE
DRABA LONCHOCARPA VAR THOMPSONII	LANCE-FRUITED DRABA	G4T?	S2S3	BLUE
DRABA LONCHOCARPA VAR VESTITA	LANCE-FRUITED DRABA	G4T2	S2S3	BLUE
DRABA PALANDERIANA	PALANDER'S DRABA	G3	S1?	BLUE
DRABA PORSILDII	PORSILD'S DRABA	G3	S1?	BLUE
DRABA REPTANS	CAROLINA DRABA	G5	S1?	BLUE
DRABA RUAXES	COAST MOUNTAIN DRABA	G2G3	S2S3	BLUE
DRABA STENOPETALA	STAR-FLOWERED DRABA	G2	S1	RED
DRABA VENTOSA	WIND RIVER DRABA	G3	S1?	BLUE
ELATINE RUBELLA	THREE-FLOWERED WATERWORT	G5	S2S3	BLUE
ELLISIA NYCTELEA	ELLISIA	G5	S1	RED
ELMERA RACEMOSA VAR RACEMOSA	ELMERA	G4G5T4	S1?	BLUE
EPILOBIUM CILIATUM SSP WATSONII	PURPLE-LEAVED WILLOWHERB	G5T?	S2S3	BLUE
EPILOBIUM DAVURICUM	SWAMP WILLOWHERB	G5	S1?	BLUE
EPILOBIUM DENSIFLORUM	DENSE SPIKE-PRIMROSE	G5	S2	RED
EPILOBIUM FOLIOSUM	FOLIOSE WILLOWHERB	G5	S2S3	BLUE
EPILOBIUM GLABERRIMUM SSP FASTIGIATUM	SMOOTH WILLOWHERB	G5T?	S2S3	BLUE
EPILOBIUM GLAREOSUM	GRAVELLY WILLOWHERB	G?	S1?	BLUE
EPILOBIUM HALLEANUM	HALL'S WILLOWHERB	G5	S2S3	BLUE
EPILOBIUM HORNEMANNII SSP BEHRINGIANUM	HORNEMANN'S WILLOWHERB	G5T4	S1?	BLUE
EPILOBIUM LEPTOCARPUM	SMALL-FLOWERED WILLOWHERB	G5	S2S3	BLUE
EPILOBIUM MIRABILE	HAIRY-STEMMED WILLOWHERB	G4Q	S1?	BLUE
EPILOBIUM OREGONENSE	OREGON WILLOWHERB	G5	S1?	BLUE
EPILOBIUM PYGMAEUM	SMOOTH SPIKE-PRIMROSE	G5	SH	RED

EPILOBIUM SAXIMONTANUM	ROCKY MOUNTAIN WILLOWHERB	G5	S1?	BLUE
EPILOBIUM TORREYI	BROOK SPIKE-PRIMROSE	G5	S1	RED
ERICAMERIA BLOOMERI	RABBITBRUSH GOLDENWEED	G4	S1	RED
ERIGERON CAESPITOSUS	TUFTED FLEABANE	G5	S2S3	BLUE
ERIGERON LANATUS	WOOLY DAISY	G3	S2S3	BLUE
ERIGERON LEIBERGII	FLEABANE	G3	S1?	BLUE
ERIGERON POLIOSPERMUS VAR POLIOSPERMUS	CUSHION FLEABANE	G4T4	S1?	BLUE
ERIGERON SALISHII	SALISH DAISY	G2	S1	RED
ERIGERON TRIFIDUS	THREE-LOBED DAISY	G2	S1	RED
ERIGERON UNIFLORUS VAR ERIOCEPHALUS	NORTHERN DAISY	G5T4	S1?	BLUE
ERIOGONUM ANDROSACEUM	ANDROSACE BUCKWHEAT	G4G5	S1?	BLUE
ERIOGONUM PAUCIFLORUM VAR PAUCIFLORUM	FEW-FLOWERED BUCKWHEAT	G5T4	S1?	BLUE
ERIOGONUM PYROLIFOLIUM VAR CORYPHEUM	ALPINE BUCKWHEAT	G4T?	S1?	BLUE
ERIOGONUM STRICTUM SSP PROLIFERUM	STRICT BUCKWHEAT	G5T?	S1	RED
ERYSIMUM ARENICOLA VAR TORULOSUM	SAND-DWELLING WALLFLOWER	G4G5T?	S1?	BLUE
ERYSIMUM PALLASII	PALLAS' WALLFLOWER	G4	S1?	BLUE
EUONYMUS OCCIDENTALIS	WESTERN WAHOO	G5	S1	RED
EUPHORBIA SERPYLLIFOLIA	THYME-LEAVED SPURGE	G5	S2S3	BLUE
EUPHRASIA ARCTICA VAR DISJUNCTA	ARCTIC EYEBRIGHT	G5T5	S2S3	BLUE
EUTREMA EDWARDSII	EDWARD'S WALLFLOWER	G4	S2S3	BLUE
FLOERKEA PROSERPINACOIDES	FALSE-MERMAID	G5	S1?	BLUE
FRAXINUS LATIFOLIA	OREGON ASH	G5	S1	RED
GALIUM LABRADORICUM	NORTHERN BOG BEDSTRAW	G5	S1?	BLUE
GALIUM MEXICANUM SSP ASPERULUM	ROUGH BEDSTRAW	G5T?	S1?	BLUE
GALIUM TRIFIDUM SSP TRIFIDUM	SMALL BEDSTRAW	G5T?	S1?	BLUE
GAURA COCCINEA	SCARLET GAURA	G5	S1	RED
GAYOPHYTUM HUMILE	DWARF GROUNDSMOKE	G5	S1?	BLUE
GAYOPHYTUM RAMOSISSIMUM	HAIRSTEM GROUNDSMOKE	G5	S1	RED
GENTIANA AFFINIS	PRAIRIE GENTIAN	G5	S1?	BLUE
GENTIANA CALYCOSA	MOUNTAIN BOG GENTIAN	G4	S1?	BLUE
GENTIANELLA CRINITA SSP MACOUNII	MACOUN'S FRINGED GENTIAN	G5T5	S1?	BLUE
GENTIANELLA TENELLA SSP TENELLA	SLENDER GENTIAN	G4G5T4	S1?	BLUE
GEUM ROSSII	ROSS' AVENS	G5	S1?	BLUE
GEUM SCHOFIELDII	QUEEN CHARLOTTE AVENS	G2	S2	RED
GILIA CAPITATA VAR CAPITATA	GLOBE GILIA	G5T5	S1	RED
GILIA SINUATA	SHY GILIA	G5	SH	RED
GITHOPSIS SPECULARIODES	COMMON BLUECUP	G5	S2	RED
GLYCYRRHIZA LEPIDOTA VAR LEPIDOTA	WILD LICORICE	G5T?	S1	RED
HACKELIA CILIATA	OKANOGAN STICKSEED	G3	S1	RED
HACKELIA DIFFUSA	SPREADING STICKSEED	G4	S1?	BLUE
HALIMOLOBOS WHITEDII	WHITED'S HALIMOLOBOS	G3?	S2	RED
HEDEOMA HISPIDA	ROUGH PENNYROYAL	G5	S1	RED
HEDYSARUM OCCIDENTALE	WESTERN HEDYSARUM	G5	S2S3	BLUE
HELENIUM AUTUMNALE VAR GRANDIFLORUM	MOUNTAIN SNEEZEWEED	G5T?	S2S3	BLUE
HELLANTHUS NUTTALLII VAR NUTTALLII	NUTTALL'S SUNFLOWER	G5T5	S1	RED
HESPEROCHIRON PUMILUS	DWARF HESPEROCHIRON	G4	S1?	BLUE
HETEROCODON RARIFLORUM	HETEROCODON	G5	S2S3	BLUE
HIPPURIS TETRAPHYLLA	FOUR-LEAVED MARE'S-TAIL	G5	S1?	BLUE
HUTCHINSIA PROCUMBENS	HUTCHINSIA	G5	S1	RED
HYDROCOTYLE RANUNCULOIDES	FLOATING WATER PENNYWORT	G5	SH	RED
HYDROCOTYLE VERTICILLATA	WHORLED WATER PENNYWORT	G5	SH	RED
HYDROPHYLLUM FENDLERI VAR ALBIFRONS	FENDLER'S WATERLEAF	G4G5T?	S2S3	BLUE
HYDROPHYLLUM TENUIPES	PACIFIC WATERLEAF	G4G5	S1?	BLUE
HYPERICUM SCOULERI SSP NORTONIAE	WESTERN ST. JOHN'S-WORT	G5T?	S2S3	BLUE
IDAHOA SCAPIGERA	SCALEPOD	G5	S2	RED
IMPATIENS AURELLA	ORANGE TOUCH-ME-NOT	G4?	S1?	BLUE
IMPATIENS CAPENSIS	SPOTTED TOUCH-ME-NOT	G5	S2S3	BLUE
IMPATIENS ECALCARATA	SPURLESS TOUCH-ME-NOT	G3G4	S2S3	BLUE
IPOMOPSIS MINUTIFLORA	SMALL-FLOWERED IPOMOPSIS	G2G3	S2	RED
ISOPYRUM SAVILEI	QUEEN CHARLOTTE ISOPYRUM	G3	S3	BLUE
IVA AXILLARIS SSP ROBUSTIOR	POVERTY-WEED	G5T?	S1	RED
JAUMEA CARNOSA	FLESHY JAUMEA	G3G4	S2S3	BLUE
KOENIGIA ISLANDICA	ICELAND KOENIGIA	G4	S1?	BLUE
LAPPULA REDOWSKII VAR CUPULATA	WESTERN STICKSEED	G?T?	S1	RED
LASTHENIA MARITIMA	HAIRY GOLDFIELDS	G3	S2S3	BLUE
LATHYRUS BIJUGATUS	PINEWOOD PEAVINE	G4G5	S1	RED
LEPIDIUM DENSIFLORUM VAR	PRAIRIE PEPPER-GRASS	G5T?	S1	RED



PUBICARPUM				
LESQUERELLA ARCTICA VAR ARCTICA	ARCTIC BLADDERPOD	G4T4	S2S3	BLUE
LEUCANTHEMUM ARCTICUM	ARCTIC DAISY	G?	SH	RED
LEUCANTHEMUM INTEGRIFOLIUM	ENTIRE-LEAVED DAISY	G?	S2S3	BLUE
LEWISIA TRIPHYLLA	THREE-LEAVED LEWISIA	G4?	S1?	BLUE
LEWISIA TWEEDYI	TWEEDY'S LEWISIA	G2G3	S1	RED
LIGUSTICUM CALDERI	CALDER'S LOVAGE	G3	S3	BLUE
LIGUSTICUM VERTICILLATUM	VERTICILLATE-UMBEL LOVAGE	G4G5	S1?	BLUE
LIMNANTHES MACOUNII	MACOUN'S MEADOW-FOAM	G2G3	S2S3	BLUE
LINANTHUS HARKNESSII	HARKNESS' LINANTHUS	G3G4	S1	RED
LINANTHUS SEPTENTRIONALIS	NORTHERN LINANTHUS	G5	S2	RED
LINDERNIA DUBIA VAR ANAGALLIDEA	FALSE-PIMPERNEL	G5T4	S2	RED
LOMATIUM BRANDEGEI	BRANDEGEE'S LOMATIUM	G3?	S2S3	BLUE
LOMATIUM FOENICULACEUM VAR FOENICULACEUM	FENNEL-LEAVED DESERT-PARSLEY	G5T5	S1	RED
LOMATIUM GRAYI	GRAY'S DESERT-PARSLEY	G5	S1	RED
LOMATIUM SANDBERGII	SANDBERG'S DESERT PARSLEY	G4	S2S3	BLUE
LOMATOGONIUM ROTATUM	MARSH FELWORT	G5	S1?	BLUE
LOTUS FORMOSISSIMUS	SEASIDE BIRD'S-FOOT TREFOIL	G5	S1	RED
LOTUS NEVADENSIS VAR DOUGLASII	NEVADA BIRDS-FOOT TREFOIL	G5T?	S1	RED
LOTUS PINNATUS	BOG BIRD'S-FOOT TREFOIL	G5	S1	RED
LOTUS PURSHIANUS	SPANISH-CLOVER	G4G5	S2S3	BLUE
LUPINUS ARBUSTUS SSP NEOLAXIFLORUS	SPURRED LUPINE	G5T?	SH	RED
LUPINUS ARBUSTUS SSP PSEUDOPARVIFLORUS	MONTANA LUPINE	G5T?	S1	RED
LUPINUS ARGENTEUS VAR TENELLUS	SILVERY LUPINE	G4G5T?	S1	RED
LUPINUS DENSIFLORUS VAR SCOPULORUM	DENSE-FLOWERED LUPINE	G5T?	S1	RED
LUPINUS KUSCHEI	YUKON LUPINE	G3	S2S3	BLUE
LUPINUS LEPIDUS VAR LEPIDUS	PRAIRIE LUPINE	G5T5	S1	RED
LUPINUS RIVULARIS	STREAM-BANK LUPINE	G4G5	S1	RED
LUPINUS SULPHUREUS SSP KINCAIDII	SULPHUR LUPINE	G5T2	SH	RED
LUPINUS SULPHUREUS SSP SUBSACCATUS	SULPHUR LUPINE	G3G5T?	S1	RED
LUPINUS WYETHII	WYETH'S LUPINE	G5	S1	RED
LYTHRUM HYSSOPIFOLIA	HYSSOP LOOSESTRIFE	G5	S1	RED
MARAH OREGANUS	MANROOT	G5	S1?	BLUE
MECONELLA OREGANA	WHITE MECONELLA	G3G4	S2	RED
MEGALODONTA BECKII VAR BECKII	WATER MARIGOLD	G4G5T4	S2S3	BLUE
MERTENSIA MARITIMA	SEA BLUEBELLS	G5	S2S3	BLUE
MERTENSIA PANICULATA VAR BOREALIS	TALL BLUEBELLS	G5T?	S2S3	BLUE
MICROSERIS BIGELOVII	COAST MICROSERIS	G4	S2	RED
MICROSERIS LINDLEYI	LINDLEY'S MICROSERIS	G5	S1	RED
MIMULUS BREWERI	BREWER'S MONKEY-FLOWER	G4?	S2S3	BLUE
MIMULUS DENTATUS	TOOTH-LEAVED MONKEY-FLOWER	G5	S1	RED
MINUARTIA AUSTROMONTANA	ROCKY MOUNTAIN SANDWORT	G2G4	S1?	BLUE
MINUARTIA BIFLORA	MOUNTAIN SANDWORT	G5	S2S3	BLUE
MINUARTIA ELEGANS	NORTHERN SANDWORT	G4G5	S2S3	BLUE
MINUARTIA PUSILLA	DWARF SANDWORT	G5	S1	RED
MIRABILIS HIRSUTA	HAIRY UMBRELLAWORT	G5	S1	RED
MITELLA CAULESCENS	LEAFY MITREWORT	G5	S1?	BLUE
MONARDELLA ODORATISSIMA	MONARDELLA	G4G5	S1	RED
MONTIA BOSTOCKII	BOSTOCK'S MONTIA	G3	S1?	BLUE
MONTIA CHAMISSOI	CHAMISSO'S MONTIA	G5	S1?	BLUE
MONTIA DIFFUSA	BRANCHING MONTIA	G4	SH	RED
MONTIA HOWELLII	HOWELL'S MONTIA	G2	S2	RED
MYOSURUS APETALUS VAR BOREALIS	MOUSETAIL	G5T?	S1	RED
MYOSURUS MINIMUS	TINY MOUSETAIL	G5	S2S3	BLUE
MYRICA CALIFORNICA	CALIFORNIA WAX-MYRTLE	G5	S2S3	BLUE
MYRIOPHYLLUM QUITENSE	WATERWORT WATER-MILFOIL	G4?	S2S3	BLUE
MYRIOPHYLLUM USSURIENSE	USSURIAN WATER-MILFOIL	G3	S2S3	BLUE
NAVARRETTIA INTERTEXTA	NEEDLE-LEAVED NAVARRETTIA	G5?	S2	RED
NEMOPHILA BREVIFLORA	GREAT BASIN NEMOPHILA	G5	S2S3	BLUE
NEMOPHILA PEDUNCULATA	MEADOW NEMOPHILA	G5	S2S3	BLUE
NICOTIANA ATTENUATA	COYOTE TOBACCO	G4	S1	RED
NOTHOCHELONE MEMOROSA	WOODLAND PENSTEMON	G5	S2S3	BLUE
NYMPHAEA TETRAGONA	PYGMY WATERLILY	G5	S1?	BLUE
OROBANCHE CORYMBOSA SSP MUTABILIS	FLAT-TOPPED BROOMRAPE	G4T?	S2	RED
OROBANCHE PINORUM	PINE BROOMRAPE	G4	SH	RED
ORTHOCARPUS BRACTEOSUS	ROSY OWL-CLOVER	G3	S2	RED
ORTHOCARPUS IMBRICATUS	MOUNTAIN OWL-CLOVER	G5	S1	RED
OXALIS OREGANA	REDWOOD SORREL	G5	S1?	BLUE
OXYTROPIS ARCTICA	ARCTIC LOCOWEED	G4	S1?	BLUE
OXYTROPIS COLUMBIANA	COLUMBIA RIVER LOCOWEED	G3	S3	BLUE
OXYTROPIS JORDALII SSP DAVISII	JORDAL'S LOCOWEED	G4T3	S3	BLUE

OXYTROPIS JORDALII SSP JORDALII	JORDAL'S LOCOWEED	G4T4	S2S3	BLUE
OXYTROPIS MAYDELLIANA	MAYDELL'S LOCOWEED	G5	S2S3	BLUE
OXYTROPIS SCAMMANIANA	SCAMMAN'S LOCOWEED	G3G4	S1?	BLUE
PAPAVER ALBOROSEUM	PALE POPPY	G3	S1?	BLUE
PAPAVER ALPINUM	DWARF POPPY	G5	S1?	BLUE
PARRYA NUDICAULIS	NORTHERN PARRYA	G5	SH	RED
PECTOCARYA PENICILLATA	WINGED COMBSEED	G5	S1	RED
PEDICULARIS CONTORTA	COIL-BEAKED LOUSEWORT	G5	S2S3	BLUE
PEDICULARIS OEDERI	OEDER'S LOUSEWORT	G5	S2S3	BLUE
PEDICULARIS VERTICILLATA	WHORLED LOUSEWORT	G4	S2S3	BLUE
PENSTEMON GORMANII	GORMAN'S PENSTEMON	G4	S2S3	BLUE
PENSTEMON GRACILIS	SLENDER PENSTEMON	G5	S2	RED
PENSTEMON LYALLII	LYALL'S PENSTEMON	G4	S2S3	BLUE
PENSTEMON NITIDUS	SHINING PENSTEMON	G5	S1	RED
PENSTEMON RICHARDSONII VAR RICHARDSONII	RICHARDSON'S PENSTEMON	G4T4	S2S3	BLUE
PHACELIA LYALLII	LYALL'S PHACELIA	G3	S1?	BLUE
PHACELIA MOLLIS	MACBRYDE'S PHACELIA	G2	S1	RED
PHACELIA RAMOSISSIMA	BRANCHED PHACELIA	G4	S1	RED
PHLOX HOODII	HOOD'S PHLOX	G5	S1?	BLUE
PHLOX SPECIOSA	SHOWY PHLOX	G5	S1	RED
PHYSARIA DIDYMOCARPA VAR DIDYMOCARPA	COMMON TWINPOD	G5T4	S2S3	BLUE
PINGUICULA VILLOSA	HAIRY BUTTERWORT	G4	S2S3	BLUE
PLAGIOBOTHRYIS FIGURATUS	FRAGRANT POPCORN-FLOWER	G5	S1	RED
PLAGIOBOTHRYIS TENELLUS	SLENDER POPCORN-FLOWER	G4G5	S1	RED
PLANTAGO CANESCENS	ARCTIC PLANTAIN	G4G5	S1?	BLUE
PLANTAGO ERIOPODA	ALKALI PLANTAIN	G4	S1?	BLUE
PLEURICOSPORA FIMBRIOLATA	FRINGED PINESAP	G4	SH	RED
POLEMONIUM BOREALE	NORTHERN JACOB'S-LADDER	G5	S2S3	BLUE
POLEMONIUM CAERULEUM SSP AMYGDALINUM	TALL JACOB'S-LADDER	G?T?	S1?	BLUE
POLEMONIUM ELEGANS	ELEGANT JACOB'S-LADDER	G4	S2S3	BLUE
POLYGALA SENEGA	SENECA-ROOT	G4G5	S1	RED
POLYGONUM DOUGLASII SSP AUSTINIAE	AUSTIN'S KNOTWEED	G5T4	S1?	BLUE
POLYGONUM ENGELMANNII	ENGELMANN'S KNOTWEED	G?	S1?	BLUE
POLYGONUM HYDROPIPEROIDES VAR HYDROPIPEROIDES	WATER-PEPPER	G5T5	S2S3	BLUE
POLYGONUM POLYGALOIDES SPP CONFERTIFLORUM	CLOSE-FLOWERED KNOTWEED	G4G5T3	S1	RED
POLYGONUM POLYGALOIDES SSP KELLOGGII	KELLOGG'S KNOTWEED	G4G5T?	S1?	BLUE
POLYGONUM PROLIFICUM	PROLIFEROUS KNOTWEED	G4?	SH	RED
POLYGONUM PUNCTATUM	DOTTED SMARTWEED	G5	S1?	BLUE
POLYGONUM RAMOSISSIMUM	YELLOW-FLOWERED KNOTWEED	G5	S1	RED
POTENTILLA BIFLORA	TWO-FLOWERED CINQUEFOIL	G4G5	S2S3	BLUE
POTENTILLA DIVERSIFOLIA VAR PERDISSECTA	DIVERSE-LEAVED CINQUEFOIL	G5T4	S2S3	BLUE
POTENTILLA ELEGANS	ELEGANT CINQUEFOIL	G4	S1?	BLUE
POTENTILLA OVINA	SHEEP CINQUEFOIL	G4	S1?	BLUE
POTENTILLA PARADOXA	BUSHY CINQUEFOIL	G5	S1	RED
POTENTILLA QUINQUEFOLIA	FIVE-LEAVED CINQUEFOIL	G4	S2S3	BLUE
PRENANTHES RACEMOSA SSP MULTIFLORA	PURPLE RATTLESNAKE-ROOT	G5T4?	SH	RED
PRENANTHES SAGITTATA		G3G4	S1	RED
PRIMULA CUNEIFOLIA SSP	WEDGE-LEAF PRIMROSE	G5T?	S2S3	BLUE
SAXIFRAGIFOLIA				
PRIMULA SIBIRICA	SIBERIAN PRIMROSE	G?	SH	RED
PRIMULA STRICTA	UPRIGHT PRIMROSE	G4	S1?	BLUE
PSILOCARPHUS ELATIOR	TALL WOOLLY-HEADS	G5	S1	RED
PSILOCARPHUS TENELLUS VAR TENELLUS	SLENDER WOOLLY-HEADS	G4T4	S1	RED
PSORALEA PHYSODES	CALIFORNIA-TEA	G4	S2S3	BLUE
PYROLA DENTATA	NOOTKA WINTERGREEN	G4G5	S1?	BLUE
PYROLA ELLIPTICA	WHITE WINTERGREEN	G5	S1?	BLUE
PYROCOMA CARTHAMOIDES VAR CARTHAMOIDES	COLUMBIA GOLDENWEED	G4G5T4	S2	RED
RANUNCULUS ALISMAEFOLIUS VAR ALISMAEFOLIUS	WATER-PLANTAIN BUTTERCUP	G5T5	S1	RED
RANUNCULUS CALIFORNICUS	CALIFORNIA BUTTERCUP	G5	S2	RED
RANUNCULUS CARDIOPHYLLUS	HEART-LEAVED BUTTERCUP	G4	S1	RED
RANUNCULUS ESCHSCHOLTZII VAR SUKSDORFII	SUBALPINE BUTTERCUP	G5?T5?	S1?	BLUE
RANUNCULUS FLABELLARIIS	YELLOW WATER-BUTTERCUP	G5	S1	RED
RANUNCULUS LOBBII	LOBB'S WATER-BUTTERCUP	G4	SX	RED
RANUNCULUS MACOUNII VAR OREGANUS	MACOUN'S BUTTERCUP	G5T?	S1?	BLUE
RANUNCULUS PEDATIFIDUS	BIRDFOOT BUTTERCUP	G5	S2S3	BLUE
RANUNCULUS RHOMBOIDEUS	PRAIRIE BUTTERCUP	G4	SH	RED

RANUNCULUS SULPHUREUS	SULPHUR BUTTERCUP	G5	S1?	BLUE
RHUS DIVERSILOBA	POISON OAK	G5?	S2S3	BLUE
RIBES MONTIGENUM	ALPINE PRICKLY GOOSEBERRY	G4	S1	RED
RIBES OXYACANTHOIDES SSP COGNATUM	NORTHERN GOOSEBERRY	G5T4	S1	RED
ROMANZOFFIA TRACYI	TRACY'S ROMANZOFFIA	G4	S2S3	BLUE
ROSA ARKANSANA	ARKANSAS ROSE	G5	S1?	BLUE
ROTALA RAMOSIOR	TOOTH CUP MEADOW-FOAM	G5	S1	RED
RUBUS LASIOCOCCLUS	DWARF BRAMBLE	G5	S2S3	BLUE
RUBUS NIVALIS	SNOW DEWBERRY	G4?	S2S3	BLUE
RUMEX ARCTICUS	ARCTIC DOCK	G5	S1?	BLUE
RUMEX PAUCIFOLIUS	ALPINE SORREL	G4	S1?	BLUE
SAGINA DECUMBENS SSP OCCIDENTALIS	WESTERN PEARLWORT	G5T?	SH	RED
SAGINA NIVALIS	SNOW PEARLWORT	G5	S1?	BLUE
SALIX AMYGDALOIDES	PEACH-LEAF WILLOW	G5	S2	RED
SALIX BOOTHII	BOOTH'S WILLOW	G5	S2S3	BLUE
SALIX LEMMONII	LEMMON'S WILLOW	G5	S1	RED
SALIX PETIOLARIS	MEADOW WILLOW	G4	S2S3	BLUE
SALIX RAUPII	RAUP'S WILLOW	G2	S1	RED
SALIX RETICULATA SSP GLABELLICARPA	NETTED WILLOW	G5T2	S1	RED
SALIX SERISSIMA	AUTUMN WILLOW	G4	S2S3	BLUE
SALIX SESSILIFOLIA	SESSILE-LEAVED SANDBAR WILLOW	G4	S2S3	BLUE
SALIX SETCHELLIANA	SETCHELL'S WILLOW	G3	S3	BLUE
SALIX TWEEDI	TWEEDI'S WILLOW	G3	S1?	BLUE
SANGUISORBA MENZIESII	MENZIES' BURNET	G3G4	S2S3	BLUE
SANGUISORBA OCCIDENTALIS	WESTERN BURNET	G4G5	S2S3	BLUE
SANICULA ARCTOPOIDES	SNAKE-ROOT	G5	S1	RED
SANICULA BIPINNATIFIDA	PURPLE SANICLE	G5	S2	RED
SARRACENIA PURPUREA SSP PURPUREA	COMMON PITCHER-PLANT	G5T5	S1?	BLUE
SAUSSUREA ANGUSTIFOLIA VAR ANGUSTIFOLIA	NORTHERN SAWWORT	G5T?	S1?	BLUE
SAXIFRAGA DAURICA SSP GRANDIPETALA	LARGE-PETIOLED SAXIFRAGE	G4T4T5	S1?	BLUE
SAXIFRAGA HIERACIFOLIA	HAWKWEED-LEAVED SAXIFRAGE	G4	S1?	BLUE
SAXIFRAGA HIRCULUS	YELLOW MARSH SAXIFRAGE	G5	S1?	BLUE
SAXIFRAGA NELSONIANA SSP CARLOTTAE	CORDATE-LEAVED SAXIFRAGE	G5T2	S2	RED
SAXIFRAGA SERPYLLIFOLIA	THYME-LEAVED SAXIFRAGE	G5	S2S3	BLUE
SAXIFRAGA TAYLORI	TAYLOR'S SAXIFRAGE	G3	S3	BLUE
SCROPHULARIA LANCEOLATA	LANCE-LEAVED FIGWORT	G5	S1?	BLUE
SCUTELLARIA ANGUSTIFOLIA	NARROW-LEAVED SKULLCAP	G5	S1?	BLUE
SENECIO ATROPURPUREUS	PURPLE-HAIRED GROUNDSEL	G5	S1?	BLUE
SENECIO CONGESTUS	MARSH FLEABANE	G5	S1?	BLUE
SENECIO CONTERMINUS	HIGH ALPINE BUTTERWEED	G2G3	S2S3	RED
SENECIO CYMBALARIA	DWARF ACTIC BUTTERWEED	G5	S1?	BLUE
SENECIO FOETIDUS VAR FOETIDUS	SWEET-MARSH BUTTERWEED	G4G5T4T5	S1	RED
SENECIO FOETIDUS VAR HYDROPHILOIDES	SWEET-MARSH BUTTERWEED	G4G5T3?	S1	RED
SENECIO HYDROPHILUS	ALKALI-MARSH BUTTERWEED	G5	SH	RED
SENECIO INTEGERRIMUS VAR OCHROLEUCUS	WHITE WESTERN GROUNDSEL	G5T2	SH	RED
SENECIO MACOUNII	MACOUN'S GROUNDSEL	G5	S2S3	BLUE
SENECIO MEGACEPHALUS	LARGE-HEADED GROUNDSEL	G4?	S2S3	BLUE
SENECIO MORESBIENSIS	QUEEN CHARLOTTE BUTTERWEED	G3	S3	BLUE
SENECIO NEWCOMBEI	NEWCOMBE'S BUTTERWEED	G3	S3	BLUE
SENECIO OGOTORUKENSIS	OGOTORUK CREEK BUTTERWEED	G?	S1?	BLUE
SENECIO PLATTENSIS	PLAINS BUTTERWEED	G5	S2S3	BLUE
SENECIO PSEUDOARNICA	BEACH GROUNDSEL	G5	S1?	BLUE
SENECIO SERRA	TALL BUTTERWEED	G5	S1?	BLUE
SENECIO SHELDONENSIS	MOUNT SHELDON BUTTERWEED	G5	S2S3	BLUE
SENECIO TUNDRICOLA	NORTHERN GROUNDSEL	G?	S1?	BLUE
SENECIO YUKONENSIS	YUKON GROUNDSEL	G4G5	S2S3	BLUE
SIDALCEA HENDERSONII	HENDERSON'S CHECKER-MALLOW	G3G4	S2S3	BLUE
SIDALCEA OREGANA VAR PROCERA	OREGON CHECKER-MALLOW	G5T4	S1	RED
SILENE DRUMMONDII VAR DRUMMONDII	DRUMMOND'S CAMPION	G5T5	S1?	BLUE
SILENE INVOLUCRATA SSP INVOLUCRATA	ARCTIC CAMPION	G5T5	S1?	BLUE
SILENE REPENS	PINK CAMPION	G5	S1?	BLUE
SILENE SCOULERI SSP GRANDIS	SCOULER'S CAMPION	G5T?	S1	RED
SILENE SPALDINGII	SPALDING'S CAMPION	G2	S1	RED
SILENE TAIMYRENSIS	TAIMYR CAMPION	G4?	S1?	BLUE
SMELOWSKIA OVALIS	SHORT-FRUITED SMELOWSKI	G4G5	S2S3	BLUE
SPERGULARIA MACROTHECA	BEACH SAND SPURRY	G5	S2S3	BLUE
SPHAERALCEA COCCINEA	SCARLET GLOBE-MALLOW	G5?	SH	RED
SPHAERALCEA MUNROANA	MUNROE'S GLOBE-MALLOW	G4	SH	RED
STELLARIA OBTUSA	BLUNT-SEPALED STARWORT	G5	S2S3	BLUE
STELLARIA UMBELLATA	UMBELLATE STARWORT	G5	S1?	BLUE

TALINUM SEDIFORME	OKANOGAN FAMEFLOWER	G2G3	S2S3	BLUE
THALICTRUM DASYPARPUM	PURPLE MEADOWRUE	G5	S1?	BLUE
THELLUNGIELLA SALSUGINEA	SALT-WATER CRESS	G?	SH	RED
THELYPODIUM LACINIATUM VAR LACINIATUM	THICK-LEAVED THELYPODY	G5T5	S2S3	BLUE
THELYPODIUM LACINIATUM VAR MILLEFLORUM	MANY-LEAVED THELYPODY	G5T5	S2S3	BLUE
THERMOPSIS MONTANA	MOUNTAIN GOLDEN BEAN	G4G5	S1	RED
THERMOPSIS RHOMBIFOLIA	PRAIRIE GOLDEN BEAN	G5	S1	RED
TONELLA TENELLA	SMALL-FLOWERED TONELLA	G5	S1?	BLUE
TOWNSENDIA EXSCAPA	EASTER DAISY	G5	S1	RED
TOWNSENDIA HOOKERI	HOOKE'S TOWNSENDIA	G5	S1	RED
TOWNSENDIA PARRYI	PARRY'S TOWNSENDIA	G4?	S1	RED
TRIFOLIUM BIFIDUM	PINOLE CLOVER	G5	SH	RED
TRIFOLIUM CYATHIFERUM	CUP CLOVER	G4	S1	RED
TRIFOLIUM DEPAUPERATUM	POVERTY CLOVER	G5	S2	RED
TRIFOLIUM MACRAEI VAR DICHOTOMUM	MACRAE'S CLOVER	G3G4T?	S1	RED
TRIPHYSARIA VERSICOLOR SSP VERSICOLOR	BEARDED OWL-CLOVER	G5T5	S1	RED
UTRICULARIA GIBBA	HUMPED BLADDERWORT	G5	S2S3	BLUE
VALERIANA EDULIS SSP EDULIS	EDIBLE VALERIAN	G5T5	S1?	BLUE
VERBENA HASTATA	BLUE VERVAIN	G5	S2	RED
VERONICA CATENATA	PINK WATER SPEEDWELL	G5	S1	RED
VIOLA BIFLORA SSP CARLOTTAE	QUEEN CHARLOTTE TWINFLOWER	G5T3	S3	BLUE
VIOLA HOWELLII	VIOLET			
VIOLA PRAEMORSA SSP PRAEMORSA	HOWELL'S VIOLET	G4	S2S3	BLUE
VIOLA PURPUREA VAR VENOSA	YELLOW MONTANE VIOLET	G5T3	S2	RED
VIOLA SEPTENTRIONALIS	PURPLE-MARKED YELLOW VIOLET	G5T?	S1?	BLUE
	NORTHERN BLUE VIOLET	G5	S1?	BLUE
<b>*** MONOCOTS</b>				
ACORUS AMERICANUS	AMERICAN SWEETFLAG	G5	S1?	BLUE
AGROSTIS PALLENS	DUNE BENTGRASS	G4G5	S1?	BLUE
ALLIUM AMPLECTENS	SLIMLEAF ONION	G4	S2S3	BLUE
ALLIUM CRENULATUM	OLYMPIC ONION	G4	S1	RED
ALLIUM GEYERI VAR GEYERI	GEYER'S ONION	G4G5T4	S2	RED
ALLIUM GEYERI VAR TENERUM	GEYER'S ONION	G4G5T?	S2	RED
ALLIUM VALIDUM	SWAMP ONION	G4	S1?	BLUE
ALOPECURUS ALPINUS	ALPINE FOXTAIL	G5	S1?	BLUE
ALOPECURUS CAROLINIANUS	CAROLINA MEADOW FOXTAIL	G5	S1	RED
ARCTOPHILA FULVA	PENDANT GRASS	G5	S1?	BLUE
BOUTELOUA GRACILIS	BLUE GRAMA	G5	S1	RED
CALAMAGROSTIS MONTANENSIS	PLAINS REEDGRASS	G5	S1?	RED
CALAMAGROSTIS SESQUIFLORA	ONE-AND-A-HALF FLOWERED REEDGRASS	G4?	S2S3	BLUE
CALAMOVILFA LONGIFOLIA	PRAIRIE SAND GRASS	G5	S1?	BLUE
CALOCHORTUS LYALLII	LYALL'S MARIPOSA LILY	G3	S1	RED
CAREX AMPLIFOLIA	BIGLEAF SEDGE	G4	S1?	BLUE
CAREX BICOLOR	TWO-COLOURED SEDGE	G5	S2S3	BLUE
CAREX COMOSA	BEARDED SEDGE	G5	S1?	BLUE
CAREX CRAWEI	CRAWE'S SEDGE	G5	SH	RED
CAREX EPAPILLOSA	BLACKENED SEDGE	G?Q	S1?	BLUE
CAREX FETA	GREENSHEATHED SEDGE	G5	S2S3	BLUE
CAREX GEYERI	GEYER'S SEDGE	G5	S2S3	BLUE
CAREX GLAREOSA VAR AMPHIGENA	LESSER SALT MARSH SEDGE	G4G5T?	S1?	BLUE
CAREX GMELINII	GMELIN'S SEDGE	G4G5	S2S3	BLUE
CAREX HELEONASTES	HUDSON BAY SEDGE	G4	S2S3	BLUE
CAREX HYSTERICINA	PORCUPINE SEDGE	G5	S1?	BLUE
CAREX INTERRUPTA	GREEN-FRUITED SEDGE	G3G4	SH	RED
CAREX KRAUSEI	KRAUSE'S SEDGE	G4	S1?	BLUE
CAREX LAPPONICA	LAPPLAND SEDGE	G4G5Q	S1?	BLUE
CAREX MARITIMA	CURVED-SPIKED SEDGE	G4G5	S2S3	BLUE
CAREX MEMBRANACEA	FRAGILE SEDGE	G5	S2S3	BLUE
CAREX MISANDRA	SHORT-LEAVED SEDGE	G5	S2S3	BLUE
CAREX PANSA	SAND-DUNE SEDGE	G4	S1?	BLUE
CAREX PAYSONIS	PAYSON'S SEDGE	G3?	S1?	BLUE
CAREX PEDUNCULATA	PEDUNCLED SEDGE	G5	S1?	BLUE
CAREX PETRICOSA VAR PETRICOSA	ROCK SEDGE	G4T?	S1?	BLUE
CAREX RUGOSPERMA VAR TONSA	BALD SEDGE	G5T4T5	S1?	BLUE
CAREX RUPESTRIS SSP DRUMMONDIANA	DRUMMOND'S SEDGE	G5T5	S1?	BLUE
CAREX RUPESTRIS SSP RUPESTRIS	CURLY SEDGE	G5T?	S1?	BLUE
CAREX SAXIMONTANA	ROCKY MOUNTAIN SEDGE	G5	S2S3	BLUE
CAREX SCOPARIA	POINTED BROOM SEDGE	G5	S2S3	BLUE
CAREX SCOPULORUM VAR BRACTEOSA	HOLM'S ROCKY MOUNTAIN SEDGE	G5T?	S2S3	BLUE
CAREX SIMULATA	SHORT-BEAKED SEDGE	G5	S2S3	BLUE
CAREX SPRENGELII	SPRENGEL'S SEDGE	G5?	S1	RED
CAREX SWANII	SWAN'S SEDGE	G5	S1	RED
CAREX SYCHNOCEPHALA	MANY-HEADED SEDGE	G4	S2S3	BLUE
CAREX TENERA	SLENDER SEDGE	G4G5	S2S3	BLUE

CAREX TORREYI	TORREY'S SEDGE	G4	S1?	BLUE
CAREX VULPINOIDEA	FOX SEDGE	G5	S2S3	BLUE
CAREX XERANTICA	DRY-LAND SEDGE	G5	S2S3	BLUE
CATABROSA AQUATICA	BROOKGRASS	G5	SH	RED
CEPHALANTHERA AUSTINIAE	AUSTIN'S PHANTOM ORCHID	G4	S2	RED
COLEANTHUS SUBTILIS	NORTHERN COLEANTHUS	G?	S1	RED
CYPERUS ARISTATUS	AWNED CYPERUS	G5	S2	RED
CYPERUS ERYTHORRHIZOS	RED-ROOTED CYPERUS	G5	S1	RED
DISPORUM SMITHII	SMITH'S FAIRYBELLS	G5	S2S3	BLUE
ELEOCHARIS ATROPURPUREA	PURPLE SPIKE-RUSH	G4G5	S1	RED
ELEOCHARIS KAMTSCHATICA	KAMTSCHATICA SPIKE-RUSH	G4	S1?	BLUE
ELEOCHARIS PARVULA	SMALL SPIKE-RUSH	G5	S2S3	BLUE
ELEOCHARIS ROSTELLATA	BEAKED SPIKE-RUSH	G5	S1?	BLUE
ELODEA NUTTALLII	NUTTALL'S WATERWEED	G5	S2S3	BLUE
ELYMUS X SAUNDERSII	SAUNDER'S WILDRYE	G?Q	S1?	BLUE
ELYMUS YUKONENSIS	YUKON WILDRYE	G3?Q	S1?	BLUE
EPIPACTIS GIGANTEA	GIANT HELLEBORINE	G4	S2	RED
ERAGROSTIS PECTINACEA	TUFTED LOVEGRASS	G5	S1	RED
ERIOPHORUM VAGINATUM SSP SPISSUM	SHEATHED COTTON-GRASS	G5T5	S2S3	BLUE
ERYTHRONIUM MONTANUM	WHITE GLACIER LILY	G4	S2S3	BLUE
FESTUCA MINUTIFLORA	LITTLE FESCUE	G5	S1?	BLUE
GLYCERIA LEPTOSTACHYA	SLENDER-SPIKE MANNA GRASS	G3	S2S3	BLUE
GLYCERIA OCCIDENTALIS	WESTERN MANNAGRASS	G5	S2S3	BLUE
GLYCERIA PULCHELLA	SLENDER MANNAGRASS	G5	S2S3	BLUE
HAMMARBYA PALUDOSA	BOG ADDER'S-MOUTH ORCHID	G5	S2S3	BLUE
HELICTOTRICHON HOOKERI	SPIKE OAT	G5	S2S3	BLUE
JUNCUS ALBESCENS	WHITISH RUSH	G5	S2S3	BLUE
JUNCUS ARCTICUS SSP ALASKANUS	ARCTIC RUSH	G5T?	S1?	BLUE
JUNCUS BREVICAUDATUS	SHORT-TAILED RUSH	G5	S1?	BLUE
JUNCUS BULBOSUS	BULBOUS RUSH	G5?	S1?	BLUE
JUNCUS KELLOGGII	KELLOGG'S RUSH	G3?	S1	RED
JUNCUS OXYMERIS	POINTED RUSH	G5	S2S3	BLUE
JUNCUS REGELII	REGEL'S RUSH	G5	S2S3	BLUE
JUNCUS STYGIUS	BOG RUSH	G5	S2S3	BLUE
KOBRESIA SIBIRICA	SIBERIAN KOBRESIA	G5	S1?	BLUE
LEERSIA ORYZOIDES	RICE CUTGRASS	G5	S2S3	BLUE
LEYMUS TRITICOIDES	CREEPING WILDRYE	G4G5	S1	RED
LILAEA SCILLOIDES	FLOWERING QUILLWORT	G4	S2S3	BLUE
LIPARIS LOESELII	LOESEL'S LIPARIS	G5	S1	RED
LIPOCARPHA MICRANTHA	SMALL-FLOWERED LIPOCARPHA	G4	S1	RED
LLOYDIA SEROTINA VAR FLAVA	ALP LILY	G5T3	S3	BLUE
LUZULA ARCTICA	ARCTIC WOOD-RUSH	G5	S2S3	BLUE
LUZULA GROENLANDICA	GREENLAND WOOD-RUSH	G4	S1?	BLUE
LUZULA RUFESCENS	RUSTY WOOD-RUSH	G5	S1?	BLUE
MALAXIS MONOPHYLLOS VAR BRACHYPODA	WHITE MALAXIS	G5T4	S2S3	BLUE
MALAXIS MONOPHYLLOS VAR DIPHYLLOS	WHITE MALAXIS	G5T3T4	S1?	BLUE
MELICA BULBOSA	ONIONGRASS	G5	S1?	BLUE
MELICA SMITHII	SMITH'S MELIC	G4	S2S3	BLUE
MELICA SPCTABILIS	PURPLE ONIONGRASS	G5	S2S3	BLUE
MUHLENBERGIA ANDINA	FOXTAIL MUHLY	G4	S1	RED
MUHLENBERGIA GLOMERATA	MARSH MUHLY	G4	S2S3	BLUE
MUHLENBERGIA RACEMOSA	SATIN GRASS	G5	S1	RED
OLSYNIUM DOUGLASII VAR INFLATUM	PURPLE BLUE-EYED GRASS	G4G5T?	S1	RED
ORYZOPSIS CANADENSIS	CANADA <del>RYEGRASS</del> <i>Rice Grass</i>	G5	SH	RED
PIPERIA MARITIMA	MARITIME ALASKA REIN ORCHID	G4Q	S2S3	BLUE
PLATANATHERA DILATATA VAR ALBIFLORA	FRAGRANT WHITE REIN ORCHID	G5T S1?		BLUE
PLEUROPOGON REFRACTUS	NODDING SEMAPHORE GRASS	G4G5	S2S3	BLUE
POA ABBREVIATA SSP PATTERSONII	ABBREVIATED BLUEGRASS	G5T5	SH	RED
POA EMINENS	EMINENT BLUEGRASS	G5	S1?	BLUE
POA FENDLERIANA SSP FENDLERIANA	FENDLER BLUEGRASS	G5T5	S1	RED
POA LAXA SSP BANFFIANA	BANFF BLUEGRASS	G5?T1	SH	RED
POA NERVOSA	COASTAL BLUEGRASS	G5	SH	RED
POA PSEUDOABBREVIATA	POLAR BLUEGRASS	G4	S1?	BLUE
POTAMOGETON OAKESIANUS	OAKE'S PONDWEED	G4	S1?	BLUE
POTAMOGETON PERFOLIATUS	PERFOLIATE PONDWEED	G5	S1?	BLUE
POTAMOGETON STRICTIFOLIUS	STIFF-LEAVED PONDWEED	G5	S1?	BLUE
RHYNCHOSPORA CAPILLACEA	BROWN BEAK-RUSH	G5	S1	RED
SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	G5	S1	RED
SCIRPUS FLUVIATILIS	RIVER BULRUSH	G5	S1?	BLUE
SCIRPUS OLNEYI	OLNEY'S BULRUSH	G4	S1?	BLUE
SCIRPUS PALLIDUS	PALE BULRUSH	G5	S1?	BLUE
SCIRPUS SUPINUS VAR SAXIMONTANUS	SUPINE BULRUSH	G5T5	S1	RED
SCOLOCHLOA FESTUCACEA	SPRANGLE-TOP	G5	S2S3	BLUE
SPARGANIUM FLUCTUANS	WATER BUR-WEED	G5	S1?	BLUE

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SPARGANIUM GLOMERATUM	GLOMERATE BUR-WEED	G3G4	S1?	BLUE
SPHENOPHOLIS OBTUSATA VAR MAJOR	PRAIRIE WEDGEGRASS	G5T5	S1	RED
SPHENOPHOLIS OBTUSATA VAR OBTUSATA	PRAIRIE WEDGEGRASS	G5T5	S1	RED
SPOROBOLUS AIROIDES	HAIRGRASS DROPSEED	G5	S1	RED
SPOROBOLUS ASPER	ROUGH DROPSEED	G5	S1	RED
STIPA SPARTEA	PORCUPINE-GRASS	G5	S1	RED
TOFIELDIA COCCINEA	NORTHERN FALSE ASPHODEL	G5	S1?	BLUE
TORREYCHLOA PALLIDA	WEAK ALKALI-GRASS	G5?	S1	RED
TRICHOPHORUM PUMILLUM	SMALL DEER-GRASS	G5	S2S3	BLUE
TRIGLOCHIN CONCINNUM VAR CONCINNUM	GRACEFUL ARROW-GRASS	G5T?	S1	RED
TRISETUM WOLFII	WOLF'S TRISETUM	G4	S1?	BLUE
TRITELEIA HOWELLII	HOWELL'S TRITELEIA	G5	S1	RED
WOLFFIA BOREALIS	WATER-MEAL	G5	S1	RED
WOLFFIA COLUMBIANA	WATER-MEAL	G5	S1	RED

623 TAXA LISTED

*NOTE: The status and distribution of rare species and plant communities is regularly reviewed and updated. If your copy of this list is more than 3 months old, please visit the BC CDC site to check for a more current copy.*