

Appendix B

Rare Plants of the Yakima Subbasin

Table B1

List of known occurrences of rare plants in the Yakima subbasin, Washington (Kittitas, Yakima and Benton Counties, WNHP 2003).

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FED. STATUS
<i>Agoseris elata</i>	Tall agoseris	Sensitive	
<i>Ammannia robusta</i>	Grand redstem	Threatened	
<i>Anemone nuttalliana</i>	Pasqueflower	Threatened	
<i>Arenaria franklinii</i> var <i>thompsonii</i>	Thompson's sandwort	Review	
<i>Astragalus arrectus</i>	Palouse milk-vetch	Sensitive	
<i>Astragalus columbianus</i>	Columbia milk-vetch	Sensitive	SC
<i>Astragalus misellus</i> var <i>pauper</i>	Pauper milk-vetch	Sensitive	
<i>Calochortus longebarbatus</i> var <i>longebarbatus</i>	Long-bearded sego lily	Sensitive	SC
<i>Calyptidium roseum</i>	Rosy pussypaws	Threatened	
<i>Camissonia minor</i>	Small-flower evening-primrose	Sensitive	
<i>Camissonia pygmaea</i>	Dwarf evening-primrose	Sensitive	
<i>Camissonia scapoidea</i>	Naked-stemmed evening-primrose	Sensitive	
<i>Carex comosa</i>	Bristly sedge	Sensitive	
<i>Carex densa</i>	Dense sedge	Threatened	
<i>Carex heteroneura</i>	Different nerve sedge	Review	
<i>Carex pauciflora</i>	Few-flowered sedge	Sensitive	
<i>Castilleja cryptantha</i>	Obscure indian-paintbrush	Sensitive	SC
<i>Chaenactis thompsonii</i>	Thompson's chaenactis	Sensitive	
<i>Collomia macrocalyx</i>	Bristle-flowered collomia	Sensitive	
<i>Cryptantha leucophaea</i>	Gray cryptantha	Sensitive	SC
<i>Cryptantha rostellata</i>	Beaked cryptantha	Threatened	
<i>Cryptantha scoparia</i>	Miner's candle	Sensitive	
<i>Cryptantha spiculifera</i>	Snake river cryptantha	Sensitive	
<i>Cyperus bipartitus</i>	Shining flatsedge	Sensitive	
<i>Cypripedium fasciculatum</i>	Clustered lady's-slipper	Sensitive	SC
<i>Delphinium viridescens</i>	Wenatchee larkspur	Threatened	SC
<i>Eatonella nivea</i>	White eatonella	Threatened	
<i>Eleocharis rostellata</i>	Beaked spike-rush	Sensitive	
<i>Erigeron basalticus</i>	Basalt daisy	Threatened	C
<i>Erigeron piperianus</i>	Piper's daisy	Sensitive	
<i>Erigeron salishii</i>	Salish fleabane	Sensitive	
<i>Eriogonum codium</i>	Umtanum desert buckwheat	Endangered	C
<i>Gentiana douglasiana</i>	Swamp gentian	Sensitive	
<i>Gilia leptomeria</i>	Great basin gilia	Sensitive	
<i>Hackelia hispida</i> var <i>disjuncta</i>	Sagebrush stickseed	Sensitive	
<i>Haplopappus hirtus</i> var <i>sonchifolius</i>	Sticky goldenweed	Review	
<i>Haplopappus liatrifolius</i>	Palouse goldenweed	Threatened	SC

SCIENTIFIC NAME	COMMON NAME	STATE STATUS	FED. STATUS
<i>Heterotheca oregona</i>	Oregon goldenaster	Threatened	
<i>Hypericum majus</i>	Canadian st. john's-wort	Sensitive	
<i>Iliamna longisepala</i>	Longsepal globemallow	Sensitive	
<i>Lipocarpa aristulata</i>	Awned halfchaff sedge	Threatened	
<i>Lobelia kalmii</i>	Kalm's lobelia	Endangered	
<i>Loeflingia squarrosa var squarrosa</i>	Loeflingia	Threatened	
<i>Lomatium tuberosum</i>	Hoover's desert-parsley	Sensitive	SC
<i>Luzula arcuata</i>	Curved woodrush	Sensitive	
<i>Mimulus pulsiferae</i>	Pulsifer's monkey-flower	Sensitive	
<i>Mimulus suksdorfii</i>	Suksdorf's monkey-flower	Sensitive	
<i>Montia diffusa</i>	Branching montia	Sensitive	
<i>Nicotiana attenuata</i>	Coyote tobacco	Sensitive	
<i>Oenothera caespitosa ssp caespitosa</i>	Cespitose evening-primrose	Sensitive	
<i>Oenothera flava</i>	Long-tubed evening-primrose	Pos Extirpated	
<i>Ophioglossum pusillum</i>	Adder's-tongue	Threatened	
<i>Pedicularis rainierensis</i>	Mt. rainier lousewort	Sensitive	
<i>Pediocactus simpsonii var robustior</i>	Hedgehog cactus	Review	
<i>Pellaea breweri</i>	Brewer's cliff-brake	Sensitive	
<i>Penstemon eriantherus var whitedii</i>	Fuzzytongue penstemon	Sensitive	
<i>Phacelia minutissima</i>	Least phacelia	Endangered	SC
<i>Platanthera sparsiflora</i>	Canyon bog-orchid	Threatened	
<i>Poa arctica ssp arctica</i>	Gray's bluegrass	Review	
<i>Potentilla breweri</i>	Brewer's cinquefoil	Threatened	
<i>Rorippa columbiae</i>	Persistentsepel yellowcress	Endangered	SC
<i>Rotala ramosior</i>	Lowland toothcup	Threatened	
<i>Sidalcea oregana var calva</i>	Wenatchee mountain checker-mallow	Endangered	LE
<i>Silene seelyi</i>	Seely's silene	Sensitive	SC
<i>Sisyrinchium sarmentosum</i>	Pale blue-eyed grass	Threatened	SC
<i>Spiranthes porrifolia</i>	Western ladies-tresses	Sensitive	
<i>Tauschia hooveri</i>	Hoover's tauschia	Threatened	SC

Federal Status

Federal Status under the U.S. Endangered Species Act as published in the Federal Register:

- LE = Listed Endangered. In danger of extinction.
- LT = Listed Threatened. Likely to become endangered.
- PE = Proposed Endangered.
- PT = Proposed Threatened.
- C = Candidate species. Sufficient information exists to support listing as Endangered or Threatened.
- SC = Species of Concern. An unofficial status, the species appears to be in jeopardy, but insufficient information to support listing.
- NL = Not Listed. Used when two portions of a taxon have different federal status.

Table B2

List of known high-quality or rare plant communities and wetland ecosystems of the Yakima subbasin, Washington (Kittitas, Yakima and Benton Counties, WNHP 2003).

Scientific name	Common Name
<i>Abies amabilis</i> - <i>Tsuga mertensiana</i> cover type	Pacific Silver Fir - Mountain Hemlock Forest
<i>Abies amabilis</i> / <i>Rhododendron albiflorum</i> forest	Pacific Silver Fir / Cascade Azalea
<i>Abies amabilis</i> / <i>Vaccinium membranaceum</i> forest	Pacific Silver Fir / Big Huckleberry
<i>Abies grandis</i> / <i>Calamagrostis rubescens</i> woodland	Grand Fir / Pinegrass
<i>Abies lasiocarpa</i> - <i>Picea engelmannii</i> cover type	Subalpine Fir - Engelmann Spruce Forest
<i>Abies lasiocarpa</i> / <i>vaccinium scoparium</i> forest	Subalpine Fir / Grouseberry
<i>Abies lasiocarpa</i> / <i>xerophyllum tenax</i> forest	Subalpine Fir / Beargrass
<i>Artemisia arbuscula</i> / <i>festuca idahoensis</i> dwarf-	Low Sagebrush / Idaho Fescue
<i>Artemisia arbuscula</i> cover type	Low Sagebrush Shrubland
<i>Artemisia rigida</i> / <i>poa secunda</i> dwarf-shrub	Stiff Sagebrush / Sandberg's Bluegrass
<i>Artemisia rigida</i> cover type	Stiff Sagebrush Shrubland
<i>Artemisia tridentata</i> / <i>festuca idahoensis</i> shrub	Big Sagebrush / Idaho Fescue
<i>Artemisia tridentata</i> ssp. <i>Wyomingensis</i> / <i>poa</i>	Wyoming Big Sagebrush / Sandberg's Bluegrass
<i>Artemisia tridentata</i> ssp. <i>Wyomingensis</i> /	Wyoming Big Sagebrush / Bluebunch
<i>Artemisia tridentata</i> ssp. <i>Wyomingensis</i> / <i>stipa</i>	Wyoming Big Sagebrush / Needle-And-Thread
<i>Artemisia tripartita</i> / <i>festuca idahoensis</i> shrub	Threetip Sagebrush / Idaho Fescue
<i>Artemisia tripartita</i> / <i>pseudoroegneria spicata</i> shrub	Threetip Sagebrush / Bluebunch Wheatgrass
<i>Artemisia tripartita</i> / <i>stipa comata</i> shrub herbaceous	Threetip Sagebrush / Needle-And-Thread
<i>Chamaecyparis nootkatensis</i> - <i>tsuga mertensiana</i>	Alaska Yellow-Cedar - Mountain Hemlock
<i>Chamaecyparis nootkatensis</i> cover type	Alaska Yellow-Cedar Forest
<i>Deschampsia caespitosa</i> herbaceous vegetation	Tufted Hairgrass
<i>Eriogonum douglasii</i> / <i>poa secunda</i> dwarf-shrub	Douglas' Buckwheat / Sandberg's Bluegrass
<i>Eriogonum sphaerocephalum</i> / <i>poa secunda</i> dwarf-	Rock Buckwheat / Sandberg's Bluegrass
<i>Eriogonum thymoides</i> / <i>poa secunda</i> dwarf-shrub	Thyme Buckwheat / Sandberg's Bluegrass
<i>Grayia spinosa</i> / <i>poa secunda</i> shrubland	Spiny Hopsage / Sandberg's Bluegrass
<i>Krascheninnikovia lanata</i> / <i>poa secunda</i> dwarf-	Winter-Fat / Sandberg's Bluegrass
<i>Larix occidentalis</i> cover type	Western Larch Forest
Low elevation freshwater wetland cb	Low Elevation Freshwater Wetland Cb
<i>Picea engelmannii</i> cover type	Engelmann Spruce Forest
<i>Pinus albicaulis</i> - <i>abies lasiocarpa</i> cover type	White-Bark Pine - Subalpine Fir Forest
<i>Pinus albicaulis</i> cover type	White-Bark Pine Forest
<i>Pinus monticola</i> cover type	Western White Pine Forest
<i>Pinus ponderosa</i> - <i>pseudotsuga menziesii</i> /	Ponderosa Pine - Douglas-Fir / Pinegrass
<i>Pinus ponderosa</i> / <i>symphoricarpos albus</i>	Ponderosa Pine - Common Snowberry
<i>Pinus ponderosa</i> cover type	Ponderosa Pine Forest
<i>Populus balsamifera</i> ssp. <i>Trichocarpa</i> / <i>salix exigua</i>	Black Cottonwood / Sandbar Willow
<i>Pseudotsuga menziesii</i> - <i>abies grandis</i> cover type	Douglas-Fir - Grand Fir Forest
<i>Pseudotsuga menziesii</i> - <i>abies lasiocarpa</i> cover type	Douglas-Fir - Subalpine Fir Forest
<i>Pseudotsuga menziesii</i> - <i>tsuga heterophylla</i> cover type	Douglas-Fir - Western Hemlock Forest
<i>Purshia tridentata</i> / <i>oryzopsis hymenoides</i> shrubland	Bitterbrush / Indian Ricegrass

Scientific name	Common Name
<i>Quercus garryana / carex geyeri woodland</i>	Oregon White Oak / Geyer's Sedge
<i>Quercus garryana / elymus glaucus woodland</i>	Oregon White Oak / Blue Wildrye
<i>Quercus garryana forest (provisional)</i>	Oregon White Oak
<i>Salix amygdaloides / salix exigua woodland</i>	Peach-Leaf Willow / Sandbar Willow
<i>Tsuga mertensiana - abies amabilis / phyllodoce</i>	Mountain Hemlock - Pacific Silver Fir / Pink
<i>Tsuga mertensiana - abies amabilis / rhododendron</i>	Mountain Hemlock - Pacific Silver Fir /
<i>Tsuga mertensiana - abies amabilis / vaccinium</i>	Mountain Hemlock - Pacific Silver Fir / Big
<i>Tsuga mertensiana - abies amabilis / xerophyllum</i>	Mountain Hemlock - Pacific Silver Fir /
<i>Tsuga mertensiana / luzula glabrata var. Hitchcockii</i>	Mountain Hemlock / Smooth Woodrush
<i>Typha latifolia western herbaceous vegetation</i>	Broad-Leaf Cattail