Review of Endemic Plants of the Wenatchee Mountains and Adjacent Areas

Prepared for U.S. Fish and Wildlife Service Region 1

Prepared by

Joseph Arnett

September 10, 2012
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by

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Acknowledgements

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Introduction

The Wenatchee Mountains is an area of great botanical diversity, including two species, Hackelia venusta (showy stickseed) and Sidalcea oregana var. calva (Wenatchee Mountains checker-mallow), that are listed as endangered under the Endangered Species Act. These two taxa have been recently reviewed and reported in detail in separate documents (Arnett 2011a, 2011b). The purpose of this project is to provide current information on the distribution and abundance of the complete list of Wenatchee Mountains endemic plant species, in order to inform evaluation of their conservation priority. At the beginning of this project I delineated an area that is traditionally referred to as the Wenatchee Mountains, characterized by four major geologic formations: the Mount Stuart Batholith (granitic), the Ingall’s tectonic complex (ultramafic), the Chumstick formation (sedimentary), and areas of Miocene basalt flows in the Mission Peak area. As work progressed it became clear that the center of endemism identified with the Wenatchee Mountains extended to the northeast and east, and so information on endemic species in this broader area is included in this report.

The Wenatchee Mountains include the richest concentration of rare endemic species in Washington. Figure 1 shows the distribution of occurrences of 36 species on the Washington State rare plant list that are found entirely or nearly entirely within the state. While there are other less pronounced concentrations of endemics, the Wenatchee Mountains and adjacent areas immediately to the north and east stand out as the center of endemism, as well as the geographic center of the state.

Figure 1. The distribution of 36 rare endemic species in Washington State. This map includes species found entirely or nearly entirely within Washington, and is limited to those species that are tracked as endangered, threatened, or sensitive in the state; different marker colors indicate different taxa.
This project has five main objectives: 1) to review current information on known populations of endemic species in the Wenatchee Mountains, including herbarium collections, 2) to conduct additional inventory as the opportunities arise, particularly by Rare Care volunteers during their monitoring assignments, 3) to make a preliminary evaluation of the condition and threats to Wenatchee Mountain endemic plants, 4) to make state status recommendations where appropriate, and 5) to identify species that may need additional research to clarify their status.

**Methods**

During the years of this project, Washington Natural Heritage Program staff continued field inventory and monitoring in the Wenatchee Mountains, monitoring both *Hackelia venusta* and *Sidalcea oregana* var. *calva* populations, and surveying additional areas for these taxa. Inventory fieldwork typically includes recording all plant species encountered, and additional notes were made of endemic species observed. The Rare Care program from the University of Washington conducted monitoring weekends in the Wenatchee Mountains in 2009 and 2010, and volunteers were asked to document Wenatchee Mountain endemics in the process of their monitoring assignments. Depending on their level of taxonomic skill, volunteers also prepared complete vascular plant species lists for many of the sites they visited. Occasional anecdotal information on endemic species was also offered by Forest Service staff, and these observations provided additional sites. WNHP files provided many site specific locations of endemic species that were formerly tracked by the program, and that are now included on the WNHP Watch List. Finally, records from the Pacific Northwest Consortium of Herbaria (2012) were consulted for endemic species records.

Table 1 presents a list of endemic plant species of the Wenatchee Mountains and adjacent areas. This list is limited to taxa that are currently recognized on the Washington Flora Checklist and that occur entirely or primarily within the Wenatchee Mountains, or in immediately adjacent areas. A larger, more broadly conceived list is found in Appendix A. The distributions of the species in Table 1 are presented in Figure 2.

**Endemic Species Distribution Maps**

The following maps summarize our current understanding of the distribution of endemic species in and adjacent to the Wenatchee Mountains. Red points are current (1975 or later) records; white points are pre-1975 records.

As I plotted these locations, it became evident that the ranges of these local endemics extended beyond the study area I had initially delineated. Several Wenatchee Mountains endemics also extend into adjacent areas, especially to the north on Chumstick Mountain, around Swakane Canyon and the Entiat Valley, to in some cases across the Columbia River. Because the purpose of this study was to review endemic species in this regional cluster of biodiversity, I have included several species that extend outside the Wenatchee Mountains. A few narrow endemics...
that are included in this review are found in close proximity to the Wenatchee Mountains, but not within the boundary as delineated. Examples include Astragalus sinuatus and Petrophytum cinerascens, two narrow endemics whose global distributions are just at the eastern edge of the Wenatchee Mountains. I drew from all the sources of information available to me, but these maps should be regarded as partial, including only a portion of the occurrences present. The maps are likely much more complete for the federally listed taxa, which have received greater scrutiny.

Figure 2. The Wenatchee Mountains study area. The original study area, outlined in black, was based on geological substrate and names on USGS topographic maps. Different colors of points indicate different taxa; individual taxon distributions are shown in Figures 3-22. As this map and Figure 1 show, this cluster of endemic plants extends beyond the Wenatchee Mountains in the strict sense.
Table 1. Endemic plant species of the Wenatchee Mountains and adjacent areas. “WTU” refers to the University of Washington herbarium at the Burke Museum.

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Global Rank</th>
<th>State Rank</th>
<th>State Status</th>
<th>Federal Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astragalus sinuatus Piper</td>
<td>Whited’s milk-vetch</td>
<td>G1</td>
<td>S1</td>
<td>E</td>
<td>SC</td>
<td>A narrow endemic found just to the east of the Wenatchee Mountains.</td>
</tr>
<tr>
<td>Chaenactis thompsonii Cronquist</td>
<td>Thompson’s chaenactis</td>
<td>G2G3</td>
<td>S2S3</td>
<td>S</td>
<td>-</td>
<td>8 collections at WTU, all from the Wenatchee Mountains. Also reported from Crystal Mt. and the Twin Sisters. Generally limited to serpentine substrate.</td>
</tr>
<tr>
<td>Cirsium edule Nutt. var. wenatchense D.J. Keil</td>
<td>edible thistle</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>8 collections at WTU, all from Kittitas and Chelan counties. Variety is not in the regional flora.</td>
</tr>
<tr>
<td>Cryptantha thompsonii</td>
<td>Thompson’s cryptantha</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>32 specimens at WTU, all from the Wenatchee Mts. Two collections in 2002 in Oregon.</td>
</tr>
<tr>
<td>Delphinium viridescens Leib.</td>
<td>Wenatchee larkspur</td>
<td>G2</td>
<td>S2</td>
<td>T</td>
<td>SC</td>
<td>13 specimens at WTU.</td>
</tr>
<tr>
<td>Delphinium xantholeucum Piper</td>
<td>yellow-white larkspur</td>
<td>G3</td>
<td>-</td>
<td>W</td>
<td>-</td>
<td>Collections from the Wenatchee Mts; Badger Mt. in Douglas County and the Entiat River area.</td>
</tr>
<tr>
<td>Eriogonum umbellatum Torr. var. hypoleium (Piper) C.L. Hitchc.</td>
<td>sulfur flower buckwheat</td>
<td>G5T4</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Most collections are from the Wenatchee Mountains, but there is one 1947 collection from west of Twisp.</td>
</tr>
<tr>
<td>Geum rossii (R.Br.) Ser. var. depressum (Greene) C.L. Hitchc.</td>
<td>Ross’ avens</td>
<td>G5T1</td>
<td>S1</td>
<td>E</td>
<td>-</td>
<td>7 specimens at WTU, all from the 1930s, except one in 1947.</td>
</tr>
<tr>
<td>Hackelia species novum</td>
<td>Taylor’s stickseed</td>
<td>-</td>
<td>-</td>
<td>T</td>
<td>-</td>
<td>Formerly regarded as part of H. venusta; taxon is not described.</td>
</tr>
<tr>
<td>Hackelia venusta (Piper) St. John</td>
<td>showy stickseed</td>
<td>G1</td>
<td>S1</td>
<td>E</td>
<td>E</td>
<td>See Arnett 2011a</td>
</tr>
<tr>
<td>Iliamna longisepala (Torr.) Wiggins</td>
<td>longsepal globemallow</td>
<td>G3</td>
<td>S3</td>
<td>S</td>
<td>-</td>
<td>Extends north to Entiat Mts. and south to Yakima Training Center.</td>
</tr>
<tr>
<td>Lathyrus nevadensis S. Wats. var. puniceus C.L. Hitchc.</td>
<td>Sierra pea</td>
<td>G5T3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>No WTU specimens, though described by Hitchcock.</td>
</tr>
<tr>
<td>Lomatium cuspidatum Mathias &amp; Constance (=Leptotaenia watsoni)</td>
<td>Wenatchee Mountains desert-parsley</td>
<td>G2G3</td>
<td>-</td>
<td>W</td>
<td>-</td>
<td>34 specimens at WTU. Generally limited to serpentine substrate.</td>
</tr>
<tr>
<td>Lomatium thompsonii (Mathias) Cronq. (=L. suksdorfii (S. Wats.) Coult. &amp; Rose var. thompsonii Mathias)</td>
<td>Thompson desert-parsley</td>
<td>G3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>12 specimens at WTU.</td>
</tr>
<tr>
<td>Petrophytum cinerascens (Piper) Rydb.</td>
<td>Chelan rock mat</td>
<td>G1</td>
<td>S1</td>
<td>E</td>
<td>SC</td>
<td>Only along the Columbia River just east of the Wenatchee Mountains.</td>
</tr>
<tr>
<td>Poa curtifolia Scribn.</td>
<td>little mountain bluegrass</td>
<td>G3</td>
<td>-</td>
<td>W</td>
<td>-</td>
<td>22 specimens at WTU. Generally limited to serpentine substrate.</td>
</tr>
<tr>
<td>Rudbeckia alpicola Piper (=R. occidentalis Nutt. var. alpica (Piper) Cronq.)</td>
<td>Wenatchee Mountains coneflower</td>
<td>G3T1</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>12 specimens at WTU.</td>
</tr>
<tr>
<td>Sidalcea oregana (Nutt. Ex Torr. &amp; Gray) Gray var. calva C.L. Hitchc.</td>
<td>Wenatchee Mountain checker-mallow</td>
<td>G5T1</td>
<td>S1</td>
<td>E</td>
<td>E</td>
<td>See Arnett 2011b</td>
</tr>
<tr>
<td>Trifolium thompsonii Morton</td>
<td>Thompson’s clover</td>
<td>G2</td>
<td>S2</td>
<td>T</td>
<td>SC</td>
<td>11 specimens at WTU. North to Swakane Canyon.</td>
</tr>
</tbody>
</table>
Figure 3. Global distribution of *Astragalus sinuatus*. The red points indicate the location of clusters within the single population of the species.

Figure 4. Distribution of *Chaenactis thompsonii* in the Wenatchee Mountains. One occurrence is also reported from the Twin Sisters range near Mount Baker, and one is reported from Crystal Mountain near Mount Rainier.
Figure 5. Distribution of Cirsium edule var. wenatchense in the Wenatchee Mountains. An occurrence of this taxon is also reported from south of this map area, near Longview Meadow on the Little Naches River.

Figure 6. Global distribution of Cryptantha thompsonii.
Figure 7. Global distribution of *Delphinium viridescens*.

Figure 8. Global distribution of *Delphinium xantholeucum*. The records shown here are all since 1975. There are also numerous historical collections from the same locations. Previously identified specimens from elsewhere in Washington have been determined to have been misidentifications.
Figure 9. Distribution of *Eriogonum umbellatum* var. hypoleium in the Wenatchee Mountains. There is also a 1942 collection from the Slate Lake trail 17 miles west of Twisp.

Figure 10. Global distribution of *Geum rossii* var. depressum.
Figure 11. Global distribution of Hackelia species novum (Taylor’s stickseed).

Figure 12. Global distribution of Hackelia venusta.
Figure 13. Distribution of Illiamna longisepala in and adjacent to the Wenatchee Mountains. There is also a recent report from the Yakima Training Center, south of this map.

Figure 14. Global distribution of Lathyrus nevadensis var. puniceus.
Figure 15. Global distribution of Lomatium cuspidatum.

Figure 16. Global distribution of Lomatium thompsonii.
Figure 17. Global distribution of Petrophytum cinerascens.

Figure 18. Global distribution of Poa curtifolia.
Figure 19. Global distribution of *Rudbeckia alpicola*.

Figure 20. Global distribution of *Sidalcea oregana var. calva*.
Figure 21. Global distribution of *Silene seelyi*.

Figure 22. Global distribution of *Trifolium thompsonii*. 
**Discussion and Conservation Recommendations**

Comments and recommendations for the nineteen endemic species examined for this project are included below in Table 2.

**Table 2. Conservation recommendations for endemic plants in and adjacent to the Wenatchee Mountains. Notes on past status on the Washington State rare plant list are from Washington Natural Heritage Program (WNHP) 1980 and 1982.**

<table>
<thead>
<tr>
<th>Species</th>
<th>Discussion and Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astragalus sinuatus</td>
<td>This endemic has an extremely narrow range and is currently vulnerable to development. The WNHP is currently preparing a Species of Concern review of this species for the U.S. Fish and Wildlife Service. The current state status of endangered is appropriate, and it may warrant consideration for listing under the Endangered Species Act.</td>
</tr>
<tr>
<td>Chaenactis thompsonii</td>
<td>An occurrence is also reported from 1984 from the Twin Sisters range near Mount Baker. Three attempts to relocate it have failed, and it may have been a misidentification. There is also a 1974 report, with no details, of this species from Crystal Mt. near Mount Rainier. While this species is very narrowly distributed, with the possible exceptions noted, it is abundant in the appropriate habitats and appears to be minimally at risk. The state status of sensitive will be reviewed, with the possibility of moving it to the Watch List.</td>
</tr>
<tr>
<td>Cirsium edule Nutt. var. wenatchense</td>
<td>We should continue to record locations of this variety. Because it is not included in the regional flora, I suspect that it is often overlooked, identified only to species.</td>
</tr>
<tr>
<td>Cryptantha thompsonii</td>
<td>Narrowly distributed but fairly abundant within its range, this species does not appear to be immediately at risk. The historical records include areas where it has not recently been reported, and these areas warrant a current review. We should examine the two specimens from Oregon in 2002.</td>
</tr>
<tr>
<td>Delphinium viridescens</td>
<td>This species is also currently under WNHP Species of Concern review for the U.S. Fish and Wildlife Service. Its current state status of Threatened will be reviewed for the 2013 Washington rare plant list.</td>
</tr>
<tr>
<td>Delphinium xantholeucum</td>
<td>This species received extensive review in the late 1970s and early 1980s, and many populations were reported. In 1980 it was on the state list as threatened, but in 1982 it was moved to the Watch List. It is not common, but numerous occurrences are known, and population size appears to increase dramatically after fire. The species is likely secure at the present time.</td>
</tr>
<tr>
<td>Eriogonum umbellatum var. hypoleium</td>
<td>This taxon appears fairly abundant within the known range. It does not appear to be at risk, but continuing to record locations will help clarify its distribution.</td>
</tr>
<tr>
<td>Geum rossii. var. depressum</td>
<td>This taxon appears to be quite rare, but protected by its remote habitat. Most known plants are within single large occurrence in the Enchantments, with another robust population nearby on Cashmere. Because of its alpine habitat, it may be particularly vulnerable to climatic warming. Precise monitoring is recommended to document changes in abundance. Its narrow distribution warrants state endangered status.</td>
</tr>
<tr>
<td>Hackelia species novum</td>
<td>Completing a formal description of this taxon is a high priority, especially because of its relation to federally endangered Hackelia venusta. Its remote habitat appears to protect it from most threats, but it is also likely vulnerable to climatic change.</td>
</tr>
<tr>
<td><strong>Hackelia venusta</strong></td>
<td>The extremely limited abundance and distribution of this species warrant its state and federal status of endangered; currently projects are underway to establish additional populations.</td>
</tr>
<tr>
<td><strong>Iliamna longisepala</strong></td>
<td>An increasing number of populations of this species is known, and it appears in large numbers after fire. It will be considered for removal from the rare plant list in the 2013 revision.</td>
</tr>
<tr>
<td><strong>Lathyrus nevadensis var. puniceus</strong></td>
<td>Our knowledge of the distribution and abundance of this taxon is extremely limited; we have a small number of observations and no specimens at the University of Washington. It will be considered for addition to the state rare plant list, likely as a review species, in 2013.</td>
</tr>
<tr>
<td><strong>Lomatium cuspidatum</strong></td>
<td>Narrowly distributed but fairly abundant within its range, this species does not appear to be at risk. It was included as sensitive on the state rare plant list in 1980, but moved to the Watch List in 1982. We have noted that the historical records include areas where it has not recently been reported, and these areas warrant a current review.</td>
</tr>
<tr>
<td><strong>Lomatium thompsonii</strong></td>
<td>Narrowly distributed but fairly abundant within its range, this species does not appear to be at risk. It was included as threatened on the state rare plant list in 1980, but moved to the Watch List in 1982.</td>
</tr>
<tr>
<td><strong>Petrophytum cinerascens</strong></td>
<td>This species, currently on the state list as endangered, is extremely limited in distribution and abundance, and may warrant consideration for listing under the Endangered Species Act. Currently only five populations are known, three with at good or excellent viability, and two with fair viability.</td>
</tr>
<tr>
<td><strong>Poa curtifolia</strong></td>
<td>Narrowly distributed but fairly abundant within its range, this species does not appear to be at risk. It was included as sensitive on the state rare plant list in 1980, but moved to the Watch List in 1982.</td>
</tr>
<tr>
<td><strong>Rudbeckia alpicala</strong></td>
<td>For a large, fairly showy species, there are relatively few known occurrences of this species: six reports of observations during RARE CARE or WNHP surveys, and only four relatively recent collections in regional herbaria since the 1930s. This species will be included in the review for the 2013 rare plant list.</td>
</tr>
<tr>
<td><strong>Sidalcea oregana var. calva</strong></td>
<td>The narrow distribution of this taxon warrant its state and federal status of endangered. Plans are being made for a systematic census of the species in 2012.</td>
</tr>
<tr>
<td><strong>Silense seelyi</strong></td>
<td>This species is narrowly distributed but protected by its clifffy habitat, except from climbing pressures. Its current state status of sensitive appears consistent with its abundance and risk.</td>
</tr>
<tr>
<td><strong>Trifolium thompsonii</strong></td>
<td>This narrow endemic is not extremely rare within its narrow range, but its limited distribution warrants its state status of threatened</td>
</tr>
</tbody>
</table>
References


Appendix A: Wenatchee Mountain Endemic Plants

Compiled by Joe Arnett, Washington Natural Heritage Program, April 2012

Endemic was interpreted broadly for this list, which includes taxa concentrated in the Wenatchee Mountains, but that are also distributed elsewhere and consequently not endemic to the Wenatchee Mountains in the strict sense. This table includes formerly recognized taxa not currently included on the Washington Flora Checklist (WFC).

Sources: The original version of this list came from numerous sources: Hitchcock and Cronquist 1973, an unreferenced list of endemics in WNHP files, a memo on 28 Oct 2003 from Art Kruckeberg to WNHP, and a list prepared by Ed Alverson in October 2003. The list was reviewed and revised based on Flora of North America nomenclature, the Washington Flora Checklist, herbarium records at the Burke Museum (University of Washington), and distribution information on the USDA PLANTS database.

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family Name</th>
<th>Global Rank</th>
<th>State Rank</th>
<th>State Status</th>
<th>Federal Status</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chaenactis ramosa</td>
<td>branching chaenactis</td>
<td>Asteraceae</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1892 Spokane collection; part of C. douglasia var. douglasii in WFC</td>
</tr>
<tr>
<td>Chaenactis thompsonii</td>
<td>Thompson’s chaenactis</td>
<td>Asteraceae</td>
<td></td>
<td>G2G3</td>
<td>S2S3</td>
<td>S</td>
<td>On serpentine; also reported from Crystal Mt. and the Twin Sisters</td>
</tr>
<tr>
<td>Cirsium edule var. wenatchense</td>
<td>edible thistle</td>
<td>Asteraceae</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Claytonia megarhiza (A. Gray) Parry ex S. Watson var. nivalis (English) C.L. Hitchcock</td>
<td>Wenatchee springbeauty</td>
<td>Portulacaceae</td>
<td></td>
<td></td>
<td>W</td>
<td></td>
<td>WFC includes all varieties in C. megarhiza (A. Gray) Parry ex S. Watson</td>
</tr>
<tr>
<td>Clematis occidentalis var. dissecta (C. columbiana var. dissecta)</td>
<td>Columbia clematis</td>
<td>Ranunculaceae</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>North at least to Sawtooth Ridge</td>
</tr>
<tr>
<td>Cryptantha thompsonii</td>
<td>Thompson’s cryptantha</td>
<td>Boraginaceae</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Mid to high elevation, often on serpentine</td>
</tr>
<tr>
<td>Delphinium lineapetalum Ewan (=D. nuttallianum Pritz. var. lineapetalum (Ewan) C.L. Hitchc.</td>
<td>thin-petal larkspur</td>
<td>Ranunculaceae</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>FNA treats as a Wen. Mt. endemic; USDA gives much broader range, in eastern WA and three OR counties, based on different taxonomic interpretation. WTU has one specimen from Klickitat Co., many from Wen Mts.</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Family</th>
<th>Code</th>
<th>Code 2</th>
<th>Code 3</th>
<th>Code 4</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Delphinium viridescens</em></td>
<td>Wenatchee larkspur</td>
<td>Ranunculaceae</td>
<td>G2</td>
<td>S2</td>
<td>T</td>
<td>SC</td>
</tr>
<tr>
<td><em>Delphinium xantholeucum</em></td>
<td>yellow-white larkspur</td>
<td>Ranunculaceae</td>
<td></td>
<td></td>
<td>W</td>
<td></td>
</tr>
<tr>
<td><em>Douglasia nivalis</em></td>
<td>snow douglasia</td>
<td>Primulaceae</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Eriogonum compositum</em></td>
<td>arrow-leaf buckwheat</td>
<td>Polygonaceae</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dougl. Ex Benth. var. lancifolium</td>
<td></td>
<td></td>
<td></td>
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<td>S1</td>
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<td><em>Hackelia venusta</em></td>
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<td>Boraginaceae</td>
<td>G1</td>
<td>S1</td>
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<td>S3</td>
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<td>S1</td>
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<td>Pseudoroegneria spicata in part: taxon not currently recognized. Agropyron spicatum var. pubescens in Hitchcock and Cronquist</td>
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<td>Poaceae</td>
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<td></td>
<td>H&amp;C refer to this taxon as Wenatchee Mts endemic, USDA plants places it in much of the W est. WFC does not recognize the taxon. Need to review FNA treatment.</td>
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<td>S2S3</td>
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Appendix B: Species lists recorded by sites within the Wenatchee Mountains

The following pages present vascular plant species recorded at sites throughout the Wenatchee Mountains. In some cases the lists include plants that were only identified to genus, or that received uncertain identifications, or specimens with atypical characteristics. The floristic inventory of the Wenatchee Mountains is a work in progress, and this partial information is included to provide background information to inform continuing inventory.

The following table provides a key to participants and dates of inventory at most of the sites recorded in this appendix.

<table>
<thead>
<tr>
<th>Location</th>
<th>Surveyors and dates of inventory</th>
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</thead>
<tbody>
<tr>
<td>Camas Meadows NAP</td>
<td>Natural Area Program list, compiled by David Wilderman, Reid Schuller, John Gamon, Javice Friebbaum, and Don Knoke. Last update by J. Arnett, 2012</td>
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<td>DNR Section 16 adjacent to Camas Meadows NAP</td>
<td>Field inventory by J. Amett June 26, 2008 and July 8 and 15, 2008</td>
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<td>Hackelia venusta site</td>
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<tr>
<td>Phacelia minutissima site, T21N R19E S36</td>
<td>J. Amett, J. Youngman, J. Bent, S. Reichard, Rare Care trip 24 July 2009; Elroy Burnett sighting, 8 June 1986</td>
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<tr>
<td>Start of trail to Mission Peak, on Rd 9712, T21N R19E S22</td>
<td>Rare Care trip, J. Amett, J. Youngman, R. Ramsden 26 July 2009</td>
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<tr>
<td>Sandy area below Mission Peak on Rd 9712</td>
<td>Rare Care trip, J. Amett, J. Youngman, R. Ramsden 26 July 2009</td>
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<tr>
<td>Sandstone overlook on Rd 9712</td>
<td>Valeriana columbiana site; Rare Care trip, J. Amett, J. Youngman, R. Ramsden 26 July 2009</td>
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<tr>
<td>Open West slope on Rd 9712</td>
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<td>Wet meadow on Rd 9712 on the approach to Mission Peak</td>
<td>Rare Care trip, J. Amett, J. Youngman, R. Ramsden 26 July 2009</td>
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<td>Howard Cr Trail to Grouse Springs</td>
<td>Rare Care trip, P. Slichter, W. Gibble, S. Wheaton 25 July 2009</td>
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<td>Rd 3521 just E of Table Mtn</td>
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<td>Rd 3521 SE 1/4 of S14</td>
<td>Rare Care trip, P. Slichter, E. Kuhlman, B. Wendling 26 July 2009</td>
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<tr>
<td>Rd 3521 E side of High Creek</td>
<td>Rare Care trip, P. Slichter, E. Kuhlman, B. Wendling 26 July 2009</td>
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<td>Upper Naneum and Owl Creek</td>
<td>Rare Care trip, E. Kuhlman, B. Wendling, T. Thomas, K. Van Norman</td>
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<tr>
<td>Lower Naneum Meadows</td>
<td>Rare Care trip, E. Kuhlman, B. Wendling, T. Thomas, K. Van Norman 2009</td>
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<td>Red Top and the ridge to the north</td>
<td>Rare Care trip, W. Gibble, S. Reichard, T. Thomas 2009</td>
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<tr>
<td>Bean Creek Trail</td>
<td>Rare Care trip, J. Amett, M. Hobbs, J. Hobbs 11 July 2010</td>
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<td>Stafford Creek Trail</td>
<td>Rare Care trip, J. Amett, K. Reagan, M. Hobbs, J. Hobbs 10 July 2010</td>
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<td>Bear/Iron Creek Trail and Teanaway Ridge Trail</td>
<td>Rare Care trip, P. Slichter 09 July 2010</td>
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<td>Beverly Turnpike Trail</td>
<td>Rare Care trip, P. Slichter, K. Reagan, J. Bresnan 11 July 2010</td>
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<tr>
<td>Miller Creek Trail</td>
<td>Rare Care trip, P. Slichter, J. Thorson, K. Van Norman 10 July 2010</td>
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<tr>
<td>Trail 1219 and 1234, Above Naneum Creek</td>
<td>Rare Care trip, W. Gibble, S. Reichard, J. Youngman, E. Dixon, M. Henry 10 July 2010</td>
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<td>Iron Peak Trail</td>
<td>J. Amett 21 July 2008</td>
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<td>Esmerelda Basin</td>
<td>Rare Care trip, W. Gibble, R. Ramsden, K. Van Norman, M. Henry, J. Thorson, 13 July 2010</td>
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<td>North Teanaway Ridge</td>
<td>Rare Care trip, E. Kuhlman, B. Wendling, S. Reichard, E. Dixon, J. Youngman 11 July 2010</td>
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<td>DeRoux Creek Trail</td>
<td>Rare Care trip; E. Kuhlman, B. Wendling, R. Ramsden, J. Bresnan 10 July 2010</td>
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<td>Location</td>
<td>Collectors and Dates</td>
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<tr>
<td>Tumwater Canyon, across the Wenatchee River from Hackelia venusta site</td>
<td>J. Arnett, C. Cordova, and T. McCracken, 14 May 2008</td>
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<tr>
<td>Hatchery Creek Trail</td>
<td>J. Arnett 2 June 2007, 7 August 2007; J. Bent 20-23 August 2010</td>
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<td>Big Jim/Lake Augusta area</td>
<td>J. Arnett 8-10 August 2007, J. Bent 20-23 August 2010</td>
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<td>Chatter Creek Trail</td>
<td>J. Arnett 30 July 2008 and 1 August 2008</td>
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<td>Cape Horn area, Icicle Ridge</td>
<td>J. Arnett 31 July 2008</td>
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<td>McCue Ridge</td>
<td>J. Arnett 23 August 2011</td>
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<tr>
<td>Chiwaukum Lake and Ewing Basin</td>
<td>J. Arnett 23-25 August 2011</td>
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<tr>
<td>Lower Icicle Ridge</td>
<td>Don Schaechtel, up to 3 July 2012</td>
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<tr>
<td>Johnny Creek Campground</td>
<td>J. Arnett 25 June 2009</td>
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<tr>
<td>River Trail loop, Icicle Canyon</td>
<td>J. Arnett 25 June 2009</td>
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<tr>
<td>Mountain Home</td>
<td>J. Arnett, 15 July 2010</td>
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Camas Meadows NAP Natural Area Program list, Compiled by David Wilderman, Reid Schuller, John Gamon, Janice Friebau,m Joe Arnett, and Don Knoke. Last update 2012.

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<td>Agoseris grandiflora</td>
<td>large-flowered agoseris</td>
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<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
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<td>Geum macrophyllum var. macrophyllum</td>
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<td>Goodyera oblongifolia</td>
<td>western rattlesnake orchid</td>
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<tr>
<td>Grindelia nana</td>
<td>low gumweed</td>
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<tr>
<td>Hackelia deflexa</td>
<td>nodding stickseed</td>
</tr>
<tr>
<td>Hackelia micrantha</td>
<td>blue stickseed</td>
</tr>
<tr>
<td>Helianthemum uniflora var. douglasii</td>
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<tr>
<td>Heracleum maximum (Heracleum lanatum)</td>
<td>cow-parsnip</td>
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<tr>
<td>Hieracium albiflorum</td>
<td>white-flowered hawkweed</td>
</tr>
<tr>
<td>Name</td>
<td>Common Name</td>
</tr>
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<tr>
<td>Holodiscus discolor</td>
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<td>Hordeum brachyantherum</td>
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<tr>
<td>Hydrophyllum capitatum var. capitatum</td>
<td>ballhead waterleaf</td>
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<tr>
<td>Hydrophyllum fendleri var. albifrons</td>
<td>Fendler's waterleaf</td>
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<td>Hypericum sp.</td>
<td>St. John's wort</td>
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<td>Iliamna rivularis</td>
<td>streambank globemallow</td>
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<td>Juncus ensifolius</td>
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<td>Juncus sp.</td>
<td>rush</td>
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<tr>
<td>Lactuca serriola*</td>
<td>prickly lettuce</td>
</tr>
<tr>
<td>Larix occidentalis</td>
<td>western larch</td>
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<tr>
<td>Lathyrus lanszwertii</td>
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<td>Lathyrus nevadensis var. puniceus</td>
<td>Sierran peavine</td>
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<td>Lathyrus pauciflorus var. pauciflorus</td>
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</tr>
<tr>
<td>Lathyrus pauciflorus var. utahensis</td>
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<tr>
<td>Leucanthemum vulgare*</td>
<td>ox-eye daisy</td>
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<tr>
<td>Lilium columbianum</td>
<td>tiger lily</td>
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<tr>
<td>Linaria dalmaica ssp. dalmatica* (Linaria genistifolia var. dalmatica)</td>
<td>Dalmatian toadflax</td>
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<td>Linaria vulgaris*</td>
<td>butter-and-eggs</td>
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<td>Linnaea borealis</td>
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<td>Lithophragma parviflora</td>
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<td>Lithospermum ruderal</td>
<td>Columbia puccoon</td>
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<td>Lomatium nudicaule</td>
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<td>Loniceria ciliosa</td>
<td>trumpet honeysuckle</td>
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<tr>
<td>Loniceria involucrata</td>
<td>black twinberry</td>
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<tr>
<td>Lupinus cf. sericeus var. fikeranus, keys to L. wyethi</td>
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<td>Lupinus latifolius var. latifolius</td>
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<td>Lupinus sp.</td>
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<td>Lupinus sulphureus</td>
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<td>Lupinus wyethii</td>
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<td>Madia gracilis</td>
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<td>Maianthemum stellatum (Smilacina stellata)</td>
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<td>Malva parviflora</td>
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<td>Matricaria matricarioides*</td>
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<td>Melilotus alba*</td>
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<td>Mentha arvensis*</td>
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<td>Mertensia longiflora</td>
<td>bluebells</td>
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<tr>
<td>Mertensia oblongiflora</td>
<td>leafy bluebells</td>
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<td>Microseris nutans</td>
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<td>Microsteris gracilis (Phlox gracilis)</td>
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<tr>
<td>Moehringia macrophylla (Arenaria macrophylla)</td>
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<td>Monia chamissoni</td>
<td>water montia</td>
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<td>Navarretia intertexta var. propinqua</td>
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<td>Nemophila breviflora</td>
<td>Great Basin nemophila</td>
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<td>Paeonia brownii</td>
<td>Brown's peony</td>
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<tr>
<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely</td>
<td>bracted lousewort</td>
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<td>Penstemon conferens</td>
<td>yellow penstemon</td>
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<td>Perideridia gairdneri</td>
<td>yampah</td>
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<td>Phleum alpinum</td>
<td>alpine timothy</td>
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<td>Phleum pratense*</td>
<td>common timothy</td>
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<td>Phlox speciosa (see subspecies)</td>
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<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
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<td>Plagiobothrys sp.</td>
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<tr>
<td>Plantago major*</td>
<td>common plantain</td>
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<td>Scientific Name</td>
<td>Common Name</td>
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<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
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<td>Poa compressa*</td>
<td>Canada bluegrass</td>
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<td>Poa pratensis ssp. pratensis*</td>
<td>Kentucky bluegrass</td>
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<td>Poa sp.</td>
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<td>Polygonum douglasii</td>
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<tr>
<td>Polygonum polycladalis ssp. kelloigii</td>
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<td>Populus balsamifera ssp. trichocarpa</td>
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<tr>
<td>Populus tremuloides</td>
<td>quaking aspen</td>
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<td>Potentilla arguta var. convallaria</td>
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<tr>
<td>Potentilla gracilis var. fiabelliformis</td>
<td>Idaho cinquefoil</td>
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<td>Potentilla recta*</td>
<td>sulfur cinquefoil</td>
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<td>Prunus emarginata</td>
<td>bitter cherry</td>
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<tr>
<td>Prunus virginiana</td>
<td>chokecherry</td>
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<td>Pseudognaphalium microcephalum (Gnaphalium microcephalum)</td>
<td>slender cudweed</td>
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<td>Pseudoroegneria spicata (Agropyron spicatum)</td>
<td>bluebunch wheatgrass</td>
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<td>Pseudostellaria jamesiana (Stellaria jamesiana)</td>
<td>sticky starwort</td>
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<td>Pterospora andromedea</td>
<td>pinedrops</td>
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<td>antelope buttercup</td>
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<td>Ranunculus occidentalis</td>
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<td>Ranunculus uncinatus</td>
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<td>Ribes lacustre</td>
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<td>Rorippa curvisiliqua</td>
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<td>Rosa nutkana var. hispida</td>
<td>Nootka rose</td>
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<td>Rosa woodsii var. ultramontana</td>
<td>Wood's rose</td>
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<td>Rubus parviflorus</td>
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<td>Rudbeckia alpica</td>
<td>rudbeckia</td>
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<td>Rumex crispus*</td>
<td>sour dock</td>
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<td>Rumex salicifolius</td>
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<td>Salix sp.</td>
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<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
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<td>Sanguisorba occidentalis</td>
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<td>Senecio hydrophiloides</td>
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<td>Senecio integerrimus var. exaltatus</td>
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<td>Sidalcea oregana var. calva</td>
<td>Wenatchee mountains checker-mallow</td>
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<tr>
<td>Silene douglasii var. douglasii: ovary stalk 2-3 mm, plis glandular in upper part</td>
<td>Douglas' silene</td>
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<tr>
<td>Solidago lepida var. salebrosa (S. canadensis var. salebrosa)</td>
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<tr>
<td>Spiraea douglasii (see varieties)</td>
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<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
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<td>Spiraea xpyramidata</td>
<td>pyramid spiraea</td>
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<td>Spiranthes romanoffiana</td>
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<td>Stachys coolyeae</td>
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<td>Symphyotrichum foliaceum (Aster foliaceus)</td>
<td>leafy aster</td>
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<td>Symphyotrichum lanceolatum var. hesperium (Aster hesperius)</td>
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<td>Symphyotrichum spathulatum var. spathulatum</td>
<td>Western mountain aster</td>
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<td>Thalictrum occidentale</td>
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<td>Thlaspi arvense*</td>
<td>pennycress</td>
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<td>Tragopogon dubius*</td>
<td>salsify</td>
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<td>Trifolium hybridum*</td>
<td>Alsike clover</td>
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<tr>
<td>Trifolium longipes ssp. longipes</td>
<td>longstalked clover</td>
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<td>Trifolium repens*</td>
<td>white clover</td>
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<td>Trillium ovatum</td>
<td>western trillium</td>
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<tr>
<td>Trillium petiolatum</td>
<td>purple trillium</td>
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<tr>
<td>Tripleurospermum maritimum ssp. maritimum (Matricaria maritima)*</td>
<td>scentless mayweed</td>
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</table>
**DNR Section 16 adjacent to Camas Meadows NAP**

Field inventory by Joe Arnett June 26, 2008 and July 8 and 15, 2008

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<tbody>
<tr>
<td>Abies grandis</td>
<td>grand fir</td>
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<tr>
<td>Acer glabrum var. douglasii</td>
<td>Douglas maple</td>
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<td>Achillea millefolium</td>
<td>common yarrow</td>
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<tr>
<td>Achnatherum or Heterostipa species</td>
<td>needle-and-thread</td>
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<tr>
<td>Agoseris grandiflora</td>
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<td>Agoseris retrorsa</td>
<td>spear leaved agoseris</td>
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<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
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<td>Allium acuminatum</td>
<td>taper tip onion</td>
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<td>Amelancheier alnifolia</td>
<td>western serviceberry</td>
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<td>Anaphalis margaritacea</td>
<td>pearly everlasting</td>
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<td>Anemone oregana</td>
<td>Oregon anemone</td>
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<td>Antennaria microphylla</td>
<td>rosy pussy-toes</td>
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<td>Antennaria racemosa</td>
<td>raceme pussy-toes</td>
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<td>Apocynum androsaemifolium</td>
<td>dogbane</td>
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<td>Arabis sp.</td>
<td>rock cress</td>
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<td>Arnica cordifolia</td>
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<td>Balsamorhiza careyana</td>
<td>Carey's balsamroot</td>
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<tr>
<td>Balsamorhiza sagitata</td>
<td>arrow-leaf balsamroot</td>
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<td>Bromus tectorum</td>
<td>cheatgrass</td>
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<tr>
<td>Cacaliopsis nardosmia (Luina nardosmia)</td>
<td>silvertop luina</td>
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<td>Calamagrostis rubescens</td>
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<tr>
<td>Calochortus lyallii</td>
<td>Lyall's mariposa lily</td>
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<td>Carex fracta</td>
<td>fragiile sheath sedge</td>
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<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
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<td>Castilleja miniata</td>
<td>scarlet Indian-paintbrush</td>
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<td>Ceanothus sanguineus</td>
<td>redstem ceanothus</td>
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<td>Ceanothus velutinus var. velutinus</td>
<td>snowbrush</td>
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<tr>
<td>Centaurea diffusa*</td>
<td>diffuse knapweed</td>
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<td>Chamerion angustifolium (Epilobium angustifolium)</td>
<td>fireweed</td>
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<td>Chimaphila umbellata</td>
<td>pipisseea</td>
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<td>Cirsium cf brevistylum</td>
<td>short-styled thistle</td>
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<td>Cirsium cf. hookerianum</td>
<td>white thistle</td>
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<td>Collinsia parviflora</td>
<td>small-flowered blue-eyed Mary</td>
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<td>Collomia grandiflora</td>
<td>large-flowered collomia</td>
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<td>Crataegus douglasii</td>
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<td>Cystopteris fragilis</td>
<td>fragile fern</td>
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<td>Danthonia unispicata</td>
<td>one-spike oatgrass</td>
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<tr>
<td>Drymocallis glandulosa var. glandulosa (Potentilla glandulosa)</td>
<td>sticky cinquefoil</td>
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<tr>
<td>Elymus glaucus</td>
<td>blue wildrye</td>
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<td>Erigeron cf. acris var. debilis</td>
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</tr>
<tr>
<td>Erigeron filifolius</td>
<td>threadleaf fleabane</td>
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<tr>
<td>Common Name</td>
<td>Scientific Name</td>
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<tr>
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<td>-----------------</td>
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<tr>
<td>northern buckwheat</td>
<td><em>Eriogonum compositum var. lancifolium</em></td>
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<td>tall buckwheat</td>
<td><em>Eriogonum elatum</em></td>
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<td>fragrant bedstraw</td>
<td><em>Galium triflorum</em></td>
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<td>white geranium</td>
<td><em>Geranium cf. richardsonii</em></td>
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<td>western rattlesnake orchid</td>
<td><em>Goodyera oblongifolia</em></td>
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<td>little sunflower</td>
<td><em>Helianthella uniflora var. douglasii</em></td>
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<td>alumroot</td>
<td><em>Heuchera cylindrica</em></td>
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<td><em>Hieracium albiflorum</em></td>
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<td><em>Holodiscus discolor</em></td>
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<td>rush</td>
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<td>Thompson’s lomatium</td>
<td><em>Lomatium thompsonii</em></td>
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<td><em>Lupinus latifolius var. latifolius</em></td>
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<td>Wyeth’s lupine</td>
<td><em>Lupinus wyethii</em></td>
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<td><em>Madia exigua</em></td>
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<td><em>Navarretia intertexta var. propinqua</em></td>
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<td><em>Olsynium douglasii</em></td>
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<td><em>Orthilia secunda</em></td>
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<td><em>Paeonia brownii</em></td>
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<td>mountain box</td>
<td><em>Paxistima myrsinites (Pachistima)</em></td>
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<td><em>Perideridia gairdneri</em></td>
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<td><em>Pinus ponderosa</em></td>
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<td>A skaska rein orchid</td>
<td><em>Piperia unalascensis</em></td>
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<td>common plantain</td>
<td><em>Plantago major</em></td>
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<td>bluegrass</td>
<td><em>Poa - large rhizomatous</em></td>
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<td>bulbous bluegrass</td>
<td><em>Poa bulbosa ssp. vivipara</em></td>
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<td><em>Poa secunda (see subspecies)</em></td>
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<tr>
<td>tali cinquefoil</td>
<td><em>Potentilla arguta var. convallaria</em></td>
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<td>Idaho cinquefoil</td>
<td><em>Potentilla gracillis var. filabelliformis</em></td>
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<tr>
<td>bitter cherry</td>
<td><em>Prunus emarginata</em></td>
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<tr>
<td>bluebunch wheatgrass</td>
<td><em>Pseudoroegneria spicata (Agropyron spicatum)</em></td>
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<tr>
<td>sticky starwort</td>
<td><em>Pseudostellaria jamesiana (Stellaria jamesiana)</em></td>
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<td>little buttercup</td>
<td><em>Ranunculus uncinatus</em></td>
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<td>baldhip rose</td>
<td><em>Rosa gymnocarpa</em></td>
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<td>Nootka rose</td>
<td><em>Rosa nutkana var. hispida</em></td>
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<tr>
<td>thimbleberry</td>
<td><em>Rubus idaeus? Pls glab under leaves and with red fruit, together with R. leucodermis</em></td>
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<tr>
<td>rudbeckia</td>
<td><em>Rudbeckia alpicola</em></td>
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<tr>
<td>Scouler’s willow</td>
<td><em>Salix scouleri ana</em></td>
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<td>Scientific Name</td>
<td>Common Name</td>
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<tr>
<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
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<tr>
<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
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<tr>
<td>Symphoricarpos oreophillus</td>
<td>mountain snowberry</td>
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<tr>
<td>Taraxacum officinale*</td>
<td>common dandelion</td>
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<td>Tragopogon dubius*</td>
<td>salsify</td>
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<tr>
<td>Trifolium hybridum*</td>
<td>Alsike clover</td>
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<td>Trifolium longipes ssp. longipes</td>
<td>longstalked clover</td>
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<td>Trifolium repens*</td>
<td>white clover</td>
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<td>Tripleurospermum maritimum ssp. maritimum (Matricaria maritima)*</td>
<td>scentless mayweed</td>
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<td>Veratrum californicum</td>
<td>California false hellebore</td>
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<tr>
<td>Vicia americana var. americana</td>
<td>American vetch</td>
</tr>
<tr>
<td>Woodsia scopulina (see varieties)</td>
<td>western cliff fern</td>
</tr>
<tr>
<td>Wyethia amplexicaulis</td>
<td>northern mule's-ears</td>
</tr>
<tr>
<td>Zigadenus venenosus var. gramineus</td>
<td>death camas</td>
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Hackelia venusta site in Tumwater Canyon
From the river to the ridge top, not including serpentine outcrops at the top of Tumwater Mountain. Arnett inventory 31 May 2007, 28 and 29 May 2009, 24 June 2009; Site visit with J. Arnett, W. Gibble, E. Kuhlman, Darelene Zabowsky, Betsy Vance, and Masa Khorasani on May 22, 2012.

<table>
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<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<tbody>
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<td>Acer glabrum var. douglasii</td>
<td>Douglas maple</td>
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<tr>
<td>Acer macrophyllum</td>
<td>bigleaf maple</td>
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<td>common yarrow</td>
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<tr>
<td>Agoseris grandiflora</td>
<td>large-flowered agoseris</td>
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<tr>
<td>Agoseris heterophylla</td>
<td>annual agoseris</td>
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<td>Agoseris retrorsa</td>
<td>spear leaved agoseris</td>
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<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
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<tr>
<td>Allium acuminatum</td>
<td>taper tip onion</td>
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<tr>
<td>Allium crenulatum</td>
<td>scalloped onion</td>
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<tr>
<td>Allium rossonii?</td>
<td>Rosinor's onion</td>
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<tr>
<td>Antennaria microphylla</td>
<td>rosy pussy-toes</td>
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<tr>
<td>Antennaria racemosa</td>
<td>raceme pussy-toes</td>
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<td>Apocynum androsaemifolium</td>
<td>dogbane</td>
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<td>Arnica cordifolia</td>
<td>heart-leaf arnica</td>
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<tr>
<td>Artemisia tridentata</td>
<td>tall sagebrush</td>
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<tr>
<td>Athysanus pusillus</td>
<td>sandweed</td>
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<td>Balsamorhiza sagittata</td>
<td>arrow-leaf balsamroot</td>
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<tr>
<td>Calochortus lyallii</td>
<td>Lyall's mariposa lily</td>
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<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
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<tr>
<td>Castilleja hispida var. hispida</td>
<td>harsh paintbrush</td>
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<td>Ceanothus sanguineus</td>
<td>redstem ceanothus</td>
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<tr>
<td>Ceanothus velutinus var. velutinus</td>
<td>snowbrush</td>
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<tr>
<td>Centaurea diffusa*</td>
<td>diffuse knapweed</td>
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<td>Cerastium arvense</td>
<td>field chickweed</td>
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<td>Chaenactis ramosa (included in C. douglasii on WFC)</td>
<td>branching chaenactis</td>
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<td>Chamerion angustifolium (Epilobium angustifolium)</td>
<td>fireweed</td>
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<td>Claytonia rubra</td>
<td>red miners lettuce</td>
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<td>Cryptantha simulans</td>
<td>pine woods cryptantha</td>
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<td>Cryptantha torreyana</td>
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<td>Cystopteris fragilis</td>
<td>fragile fern</td>
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<td>Dasiphora fruticosa (Potentilla fruticosa)</td>
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<td>Delphinium nuttallianum</td>
<td>upland larkspur</td>
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<td>Dodecatheon pulchellum var. pulchellum</td>
<td>dark-throat shooting star</td>
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<tr>
<td>Dryopteris fragilis</td>
<td>spring whitlowgrass</td>
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<tr>
<td>Dodecatheon pulchellum var. pulchellum</td>
<td>dark-throat shooting star</td>
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<tr>
<td>Dryopteris fragilis</td>
<td>spring whitlowgrass</td>
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<td>Epilobium clavatum (E. alpinum)</td>
<td>talus willowerb</td>
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<td>Equisetum laevigatum</td>
<td>smooth scouring rush</td>
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<td>Eriogonum compositum</td>
<td>northern buckwheat</td>
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<td>Eriogonum heracleoides</td>
<td>parsnip-flowered buckwheat</td>
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<td>Eriogonum stricture</td>
<td>strick buckwheat</td>
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<td>Eriogonum umbellatum var. hypoleum</td>
<td>sulfur flower</td>
</tr>
<tr>
<td>Erythranthe alsinoides (Mimulus alsinoides)</td>
<td>chickweed monkeyflower</td>
</tr>
<tr>
<td>Erythranthe guttata (Mimulus guttatus)</td>
<td>yellow monkeyflower</td>
</tr>
<tr>
<td>Scientific Name</td>
<td>Common Name</td>
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<td>-------------</td>
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<tr>
<td>Erythronium grandiflorum</td>
<td>glacier lily</td>
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<tr>
<td>Fritillaria pudica</td>
<td>yellowbells</td>
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<td>Galium multiflorum var. arida</td>
<td>shrubby bedstraw</td>
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<td>Hackelia diffusa var. arida</td>
<td>steppe stickseed</td>
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<tr>
<td>Hemieva ranunculifolia (Suksdorfia ranunculifolia)</td>
<td>buttercup-leaved suksdorfia</td>
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<td>Heuchera cylindrica</td>
<td>alumroot</td>
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<td>Hieracium albiflorum</td>
<td>white-flowered hawkweed</td>
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<tr>
<td>Hieracium scouleri (Hieracium albertinum)</td>
<td>Scouler's hawkweed</td>
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<td>Holodiscus discolor</td>
<td>ocean spray</td>
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<td>Hydrophyllum capitatum var. capitatum</td>
<td>ballhead waterleaf</td>
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<td>Lathyrus pauciflorus var. pauciflorus</td>
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<td>Leptosiphon liniflorus (Linanthus pharnaceoides)</td>
<td>thread-stemmed linanthus</td>
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<td>Lewisia redviva</td>
<td>bitterroot</td>
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<td>Lewisia tweedyi (Cistanthe tweedyi)</td>
<td>Tweedy's lewisia</td>
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<td>Linaria dalmatica ssp. dalmatica* (Linaria genistifolia var. dalmatica)</td>
<td>Dalmatian toadflax</td>
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<td>Lomatium brandegei</td>
<td>Brandegee's lomatium</td>
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<tr>
<td>Maianthemum racemosum (Smilacina racemosa)</td>
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<td>Matricaria matricarioides*</td>
<td>pineapple weed</td>
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<td>Mentzelia albicaulis (Icicle plants with ovale acute bracts)</td>
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<td>Micranthes idahoensis/occidentalis (Saxifraga)</td>
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<td>Micranthes ondontoloma (Saxifraga argula, punctata)</td>
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<td>Montia parviflora</td>
<td>streambank springbeauty</td>
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<tr>
<td>Orobanche uniflora var. minuta</td>
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<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
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<td>Penstemon pruinosus</td>
<td>Chelan penstemon</td>
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<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
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<td>Phacelia linearis</td>
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<td>Philadelphus lewisii</td>
<td>mock-orange</td>
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<td>Phlox diffusa (see varieties and subspecies)</td>
<td>spreading phlox</td>
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<td>ponderosa pine</td>
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<td>Poa bulbosa ssp. vivipara*</td>
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<td>Poa secunda (see subspecies)</td>
<td>Sandberg's bluegrass</td>
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<tr>
<td>Polystichum imbricans</td>
<td>imbricate sword fern</td>
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<tr>
<td>Prunus emarginata</td>
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<td>Prunus virginiana</td>
<td>chokecherry</td>
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<td>Rosa woodsii var. ulramontana</td>
<td>Wood's rose</td>
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<tr>
<td>Rubus parviflorus</td>
<td>thimbleberry</td>
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<tr>
<td>Salmon scoulerianna</td>
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<tr>
<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
<td>blue elderberry</td>
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<tr>
<td>Selaginella wallacei</td>
<td>Wallaces selaginalla</td>
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<td>Senecio integrerrimus var. ochroleucus</td>
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<td>Silene menziesii (some flowers to 10 mm across in Tumwater Canyon)</td>
<td>Menzies' catchfly</td>
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<tr>
<td>Silene seelyi</td>
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<td>Suksdorfia violacea</td>
<td>violet mock brookfoam</td>
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<tr>
<td>Tragopogon dubius*</td>
<td>salsify</td>
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<tr>
<td>Trifolium latifolia (T. borealis)</td>
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<td>Viola purpurnea var. venosa</td>
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<tr>
<td>Woodsia oregana ssp. oregana</td>
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Phacelia minutissima site
T21N RR19E S36: J. Arnett, J. Y oungman, J. B ent, S. Reichard, Rare Care trip 24July2009;
Elroy Burnett sighting, 8june1986

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<td>Abies grandis</td>
<td>grand fir</td>
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<td>Arabis sp.</td>
<td>rock cress</td>
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<td>Cacaliopsis nardosmia (Luina nardosmia )</td>
<td>silvertop luina</td>
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<td>Elymus glaucus</td>
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<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely</td>
<td>bracted loosewort</td>
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<td>Potentilla gracilis var. flabelliformis</td>
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<td>California false hellebore</td>
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<td>American vetch</td>
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<td>Columbian monkshood</td>
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<td>Castilleja elmeri</td>
<td>Wenatchee mountains Indian-paintbrush</td>
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<td>Castilleja tenuis (Orthocarpus hispids)</td>
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<td>Collomia linearis</td>
<td>narrow-leaf collomia</td>
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<td>Crepis sp.</td>
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<td>Dactylis glomerata*</td>
<td>orchardgrass</td>
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<td>Species</td>
<td>Common Name</td>
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<td>Epilobium glaberrimum (see subspecies)</td>
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<td>Epilobium halleanum (E. grandulosum, in part)</td>
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<td>Epilobium minutum</td>
<td>small-flowered willow-herb</td>
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<td>Geum macrophyllum var. macrophyllum</td>
<td>large-leaved avens</td>
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<td>Geum triflorum</td>
<td>prairie smoke</td>
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<td>Heracleum maximum (Heracleum lanatum)</td>
<td>cow-parsnip</td>
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<td>Juncus tenuis</td>
<td>poverty rush</td>
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<td>Larix occidentalis</td>
<td>western larch</td>
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<td>Madia glomera</td>
<td>tarweed</td>
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<tr>
<td>Polygonum douglasii</td>
<td>Douglas' knotweed</td>
</tr>
<tr>
<td>Populus tremuloides</td>
<td>quaking aspen</td>
</tr>
<tr>
<td>Solidago lepida var. salebrosa (S. canadensis var. salebrosa)</td>
<td>goldenrod</td>
</tr>
<tr>
<td>Symphyotrichum foliaceum (Aster foliaceus)</td>
<td>leafy aster</td>
</tr>
<tr>
<td>Urtica dioica</td>
<td>stinging nettle</td>
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<tr>
<td>Agoseris aurantica var. aurantica</td>
<td>orange agoseris</td>
</tr>
<tr>
<td>Agoseris: entire lvs, achene with shoulder like A. retrorsa</td>
<td>agoseris</td>
</tr>
<tr>
<td>Alnus viridus ssp. sinuata (Alnus sinuata)</td>
<td>Sitka alder</td>
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<tr>
<td>Angelica sp.</td>
<td>angelica</td>
</tr>
<tr>
<td>Arctostaphylos nevadensis</td>
<td>pinemat manzanita</td>
</tr>
<tr>
<td>Arnica mollis</td>
<td>hairy arnica</td>
</tr>
<tr>
<td>Artemisia tridentata ssp. vasayana</td>
<td>mountain big sagebrush</td>
</tr>
<tr>
<td>Carex hoodii</td>
<td>Hood's sedge</td>
</tr>
<tr>
<td>Chenopodium sp.</td>
<td>goosefoot</td>
</tr>
<tr>
<td>Cirsiun edule var. wenatchense</td>
<td>Wenatchee thistle</td>
</tr>
<tr>
<td>Collomia tenella</td>
<td>diffuse collomia</td>
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<tr>
<td>Delphinium multiplex</td>
<td>Kittitas larkspur</td>
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<td>Dodecatheon sp.</td>
<td>shootingstar</td>
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<tr>
<td>Eremogone capillaris var. americana (Arenaria capillaris var. americana)</td>
<td>fescue sandwort</td>
</tr>
<tr>
<td>Erigeron glacialis var. glacialis (E. peregrinus)</td>
<td>wandering daisy</td>
</tr>
<tr>
<td>Eriogonum compositum var. leianthum</td>
<td>northern buckwheat</td>
</tr>
<tr>
<td>Eriogonum douglasii var. douglasii</td>
<td>Douglass' buckwheat</td>
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<tr>
<td>Glyceria sp.</td>
<td>mannagrass</td>
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<tr>
<td>Gnaphalium palustre</td>
<td>lowland cudweed</td>
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<tr>
<td>Ipomopsis aggregata</td>
<td>firecracker</td>
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<tr>
<td>Lathyrus sp.</td>
<td>vetch</td>
</tr>
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<td>Leptosiphon harknessii (Linanthus harknessii)</td>
<td>Harkness' linanthus</td>
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<tr>
<td>Ligusticum canbyi</td>
<td>Canby's wild lovage</td>
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<tr>
<td>Lomatium trinatum (see varieties)</td>
<td>nine-leaf lomatium</td>
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<tr>
<td>Lupinus polyphyllus (see varieties)</td>
<td>largeleaved lupine</td>
</tr>
<tr>
<td>Packera streptanthifolia (Senecio streptanthifolius)</td>
<td>Rocky Mountain groundsel</td>
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<tr>
<td>Pinus contorta</td>
<td>lodgepole pine</td>
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<tr>
<td>Polygonum sp.</td>
<td>knotweed</td>
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<tr>
<td>Prunella vulgaris var. vulgaris</td>
<td>healall</td>
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<tr>
<td>Ranunculus cf. orthorychus: pl &gt; 1 m, long slightly bent beak</td>
<td>straight-beak buttercup</td>
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<tr>
<td>Ribes viscosissimum</td>
<td>sticky current</td>
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<tr>
<td>Ribes watsonianum</td>
<td>spring gooseberry</td>
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<tr>
<td>Sedum sp.</td>
<td>stonecrop</td>
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<tr>
<td>Senecio serra var. serra</td>
<td>butterweed groundsel</td>
</tr>
<tr>
<td>Senecio triangularis</td>
<td>arrowleaf groundsel</td>
</tr>
<tr>
<td>Sidalcea oregana var. procera</td>
<td>Oregon checkermallow</td>
</tr>
<tr>
<td>Silene latifolia (Lychnis alba)</td>
<td>white campion</td>
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<tr>
<td>Streptopus amplexifolius</td>
<td>claspleaf twisted-stalk</td>
</tr>
<tr>
<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
</tr>
<tr>
<td>Zigadenus venenosus var. venenosus</td>
<td>death-camas</td>
</tr>
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Start of trail to Mission Peak, on Rd. 9712, T 21N R19E S22
Rare Care trip, J. Arnett, J. Youngman, R. Ramsden 26July2009

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<tbody>
<tr>
<td>Abies lasiocarpa</td>
<td>subalpine fir</td>
</tr>
<tr>
<td>Achillea millefolium</td>
<td>common yarrow</td>
</tr>
<tr>
<td>Antennaria microphylla</td>
<td>rosy pussy-toes</td>
</tr>
<tr>
<td>Antennaria racemosa</td>
<td>raceme pussy-toes</td>
</tr>
<tr>
<td>Aquilegia flavaescent</td>
<td>yellow columbine</td>
</tr>
<tr>
<td>Arnica cordifolia</td>
<td>heart-leaf arnica</td>
</tr>
<tr>
<td>Arnica mollis</td>
<td>hairy arnica</td>
</tr>
<tr>
<td>Artemisia michauxiana</td>
<td>Michaux’s mugwort</td>
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<tr>
<td>Campanula parryi var. idahoensis</td>
<td>Parry’s harebell</td>
</tr>
<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
</tr>
<tr>
<td>Castilleja miniata</td>
<td>scarlet Indian-paintbrush</td>
</tr>
<tr>
<td>Chamerion angustifolium (Epilobium angustifolium)</td>
<td>fireweed</td>
</tr>
<tr>
<td>Cirsium edule var. wenatchense</td>
<td>Wenatchee thistle</td>
</tr>
<tr>
<td>Clematis occidentalis var. dissecta (Clematis columbiana var. dissecta)</td>
<td>Columbia clematis</td>
</tr>
<tr>
<td>Eremogone capillaris var. americana (Arenaria capillaris var. americana)</td>
<td>fescue sandwort</td>
</tr>
<tr>
<td>Erigeron cf. acris var. debilis</td>
<td>northern daisy</td>
</tr>
<tr>
<td>Erigeron glacialis var. glacialis (E. peregrinus)</td>
<td>wandering daisy</td>
</tr>
<tr>
<td>Erigeron linearis</td>
<td>lineleaf fleabane</td>
</tr>
<tr>
<td>Erythronium grandiflorum</td>
<td>glacier lily</td>
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<tr>
<td>Juniperus communis</td>
<td>mountain juniper</td>
</tr>
<tr>
<td>Larix occidentalis</td>
<td>western larch</td>
</tr>
<tr>
<td>Lewisia tweedyi (Cistanthe tweedyi)</td>
<td>Tweedy’s lewisia</td>
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<tr>
<td>Lonicera involucrata</td>
<td>black twinberry</td>
</tr>
<tr>
<td>Lupinus latifolius var. latifolius</td>
<td>broadleaf lupine</td>
</tr>
<tr>
<td>Luzula sp.</td>
<td>woodrush</td>
</tr>
<tr>
<td>Pedicularis contorta var. contorta</td>
<td>white coiled beak lousewort</td>
</tr>
<tr>
<td>Penstemon confertus</td>
<td>yellow penstemon</td>
</tr>
<tr>
<td>Phleum alpinum</td>
<td>alpine timothy</td>
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<tr>
<td>Phlox hoodii</td>
<td>Hood’s phlox</td>
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<tr>
<td>Polemonium pulcherrimum</td>
<td>showy Jacob’s-ladder</td>
</tr>
<tr>
<td>Silene cf. parryi. Petals yellowish green, possibly &gt; 2-lobed</td>
<td>Parry’s catchfly</td>
</tr>
<tr>
<td>Taraxacum officinale*</td>
<td>common dandelion</td>
</tr>
<tr>
<td>Vaccinium scoparium</td>
<td>grouseberry</td>
</tr>
<tr>
<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
</tr>
</tbody>
</table>
Sandy area below Mission Peak on Rd 9712
R=Rare Care trip, J. Arnett, J. Youngman, R. Ramsden 26July2009.

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</tr>
<tr>
<td>Agoseris aurantiaca var. aurantiaca</td>
<td>orange agoseris</td>
</tr>
<tr>
<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
</tr>
<tr>
<td>Artemisia tridentata ssp. vasayana</td>
<td>mountain big sagebrush</td>
</tr>
<tr>
<td>Astragalus whitneyi</td>
<td>Whitney's milkvetch</td>
</tr>
<tr>
<td>Bromus tectorum</td>
<td>cheatgrass</td>
</tr>
<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
</tr>
<tr>
<td>Castilleja miniata</td>
<td>scarlet Indian-paintbrush</td>
</tr>
<tr>
<td>Chaenactis ramosa (included in C. douglasii on WFC)</td>
<td>branching chaenactis</td>
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<tr>
<td>Crepis sp.</td>
<td>hawksbeard</td>
</tr>
<tr>
<td>Elymus elymoides (Sitanion hystrix)</td>
<td>squirreltail</td>
</tr>
<tr>
<td>Eriogonum umbellatum var. hypoleum</td>
<td>sulfur flower</td>
</tr>
<tr>
<td>Hieracium scouleri (Hieracium albertinum)</td>
<td>Scouler's hawkweed</td>
</tr>
<tr>
<td>Ipomopsis aggregata</td>
<td>firecracker</td>
</tr>
<tr>
<td>Ivesia gordonii</td>
<td>alpine mousetail</td>
</tr>
<tr>
<td>Koeleria macrantha (K. cristata)</td>
<td>prairie Koeler's grass</td>
</tr>
<tr>
<td>Lupinus cf. sericeus var. fikeranus, keys to L. wyethei</td>
<td>silky lupine</td>
</tr>
<tr>
<td>Mentzelia albicaulis (Icicle plants with ovale acute bracts)</td>
<td>small-flowered mentzelia</td>
</tr>
<tr>
<td>Penstemon fruticosus var. fruticosus</td>
<td>shrubby penstemon</td>
</tr>
<tr>
<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
</tr>
<tr>
<td>Phlox hoodii</td>
<td>Hood's phlox</td>
</tr>
<tr>
<td>Pinus albicaulis</td>
<td>whitebark pine</td>
</tr>
<tr>
<td>Poa secunda (see subspecies)</td>
<td>Sandberg's bluegrass</td>
</tr>
</tbody>
</table>

Sandstone overlook on Rd 9712, Valeriana columbiana site; R=Rare Care trip, J. Arnett, J. Youngman, R. Ramsden 26July2009

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<td>orange agoseris</td>
</tr>
<tr>
<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
</tr>
<tr>
<td>Eremogone capillaris var. americana (Arenaria capillaris var. americana)</td>
<td>rescue sandwort</td>
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<tr>
<td>Lewisia rediviva</td>
<td>bitterroot</td>
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<tr>
<td>Lomatium cuspidatum</td>
<td>Wenatchee desert parsley</td>
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<tr>
<td>Monardella odoratissima var. discolor</td>
<td>mountain monardella</td>
</tr>
<tr>
<td>Penstemon confertus</td>
<td>yellow penstemon</td>
</tr>
<tr>
<td>Pinus albicaulis</td>
<td>whitebark pine</td>
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<tr>
<td>Pinus contorta</td>
<td>lodgepole pine</td>
</tr>
<tr>
<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
</tr>
<tr>
<td>Sedum lanceolatum var. lanceolatum</td>
<td>lanceleaved stonecrop</td>
</tr>
<tr>
<td>Valeriana columbiana</td>
<td>Wenatchee valerian</td>
</tr>
</tbody>
</table>
### Open West slope on Rd 9712

Rare Care trip, J. Arnett, J. Youngman, R. Ramsden 26 July 2009

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<td>Achillea millefolium</td>
<td>common yarrow</td>
</tr>
<tr>
<td>Arctostaphylos nevadensis</td>
<td>pinemat manzanita</td>
</tr>
<tr>
<td>Delphinium lineapetalum</td>
<td>thin-petal larkspur</td>
</tr>
<tr>
<td>Eriogonum compositum var. leianthum</td>
<td>northern buckwheat</td>
</tr>
<tr>
<td>Eriogonum umbellatum var. hypoleum</td>
<td>sulfur flower</td>
</tr>
<tr>
<td>Galium multiflorum</td>
<td>shrubby bedstraw</td>
</tr>
<tr>
<td>Ipomopsis aggregata</td>
<td>firecracker</td>
</tr>
<tr>
<td>Leptosiphon nuttallii (Linanthus nuttallii)</td>
<td>Nottall's linanthus</td>
</tr>
<tr>
<td>Lomatium nudicaule</td>
<td>bare-stem desert parsley</td>
</tr>
<tr>
<td>Monardella odoratissima var. discolor</td>
<td>mountain monardella</td>
</tr>
<tr>
<td>Orobanche fasciculata</td>
<td>clustered broomrape</td>
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<tr>
<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
</tr>
<tr>
<td>Taraxacum officinale*</td>
<td>common dandelion</td>
</tr>
</tbody>
</table>

### Wet meadow on Rd 9712 at hairpin turn on the approach to Mission Peak from the west; Rare Care trip, J. Arnett, J. Youngman, R. Ramsden 26 July 2009

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Achillea millefolium</td>
<td>common yarrow</td>
</tr>
<tr>
<td>Aconitum columbianum</td>
<td>Columbian monkshood</td>
</tr>
<tr>
<td>Agoseris aurantiaca var. aurantiaca</td>
<td>orange agoseris</td>
</tr>
<tr>
<td>Arnica parryi</td>
<td>nodding arnica</td>
</tr>
<tr>
<td>Cirsium edule var. macounii</td>
<td>Macoun's thistle</td>
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<tr>
<td>Cirsium edule var. wenatchense</td>
<td>Wenatchee thistle</td>
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<tr>
<td>Delphinium glaucum</td>
<td>pale larkspur</td>
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<tr>
<td>Eriogonum glaucum var. glacialis (E. peregrinus)</td>
<td>wandering daisy</td>
</tr>
<tr>
<td>Erythranthe guttata (Mimulus guttatus)</td>
<td>yellow monkeyflower</td>
</tr>
<tr>
<td>Erythranthe lewisii (Mimulus lewisii)</td>
<td>purple monkeyflower</td>
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<td>Lupinus polyphyllus (see varieties)</td>
<td>largeleaved lupine</td>
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<tr>
<td>Micranthes ondontoloma (Saxifraga arguta, punctata)</td>
<td>brook saxifrage</td>
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<tr>
<td>Osmorhiza occidentalis</td>
<td>western sweet cicely</td>
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<tr>
<td>Platania diliata</td>
<td>white rein orchid</td>
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<td>Ranunculus uncinitus</td>
<td>little buttercup</td>
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<tr>
<td>Thalictrum occidentale</td>
<td>western meadow-rue</td>
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<tr>
<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
</tr>
<tr>
<td>Veratum californicum</td>
<td>California false hellebore</td>
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Howard Creek Trail to Grouse Springs
Rare Care trip, P. Slichter, W. Gibble, S. Wheaton 25 July 2009

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<td>Abies grandis</td>
<td>grand fir</td>
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<td>Abies lasiocarpa</td>
<td>subalpine fir</td>
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<td>Abies procera</td>
<td>noble fir</td>
</tr>
<tr>
<td>Acer glabrum var. douglasii</td>
<td>Douglas maple</td>
</tr>
<tr>
<td>Achillea millefolium</td>
<td>common yarrow</td>
</tr>
<tr>
<td>Aconitum columbianum</td>
<td>Columbian monkshood</td>
</tr>
<tr>
<td>Actaea rubra</td>
<td>baneberry</td>
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<tr>
<td>Agoseris aurantiaca var. aurantiaca</td>
<td>orange agoseris</td>
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<tr>
<td>Agoseris cf lackshewitzii</td>
<td>pink agoseris</td>
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<tr>
<td>Agoseris elata</td>
<td>tall agoseris</td>
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<tr>
<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
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<tr>
<td>Alnus rubra</td>
<td>red alder</td>
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<tr>
<td>Alopecurus sp. *</td>
<td>foxtail</td>
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<tr>
<td>Amelanchier alnifolia</td>
<td>western serviceberry</td>
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<tr>
<td>Anaphalis margaritacea</td>
<td>pearly everlasting</td>
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<td>Angelica arguta</td>
<td>sharp-tooth angelica</td>
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<td>Antennaria microphylla</td>
<td>rosy pussy-toes</td>
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<tr>
<td>Antennaria racemosa</td>
<td>raceme pussy-toes</td>
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<td>Aquilegia formosa</td>
<td>columbine</td>
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<td>Arctostaphylos nevadensis</td>
<td>pinemat manzanita</td>
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<td>Arnica cf sororia</td>
<td>twin arnica</td>
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<td>Arnica cordifolia</td>
<td>heart-leaf arnica</td>
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<td>Arnica latifolia</td>
<td>broadleaf arnica</td>
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<td>Arnica mollis</td>
<td>hairy arnica</td>
</tr>
<tr>
<td>Arnica parryi</td>
<td>nodding arnica</td>
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<tr>
<td>Artemisia ludoviciana</td>
<td>western mugwort</td>
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<tr>
<td>Artemisia michauxiana</td>
<td>Michaux's mugwort</td>
</tr>
<tr>
<td>Artemisia tridentata</td>
<td>tall sagebrush</td>
</tr>
<tr>
<td>Balsamorhiza sagittata</td>
<td>arrow-leaf balsamroot</td>
</tr>
<tr>
<td>Berberis aquifolium</td>
<td>tall Oregon grape</td>
</tr>
<tr>
<td>Boechera (Arabis holboelli, in part, misapplied)</td>
<td>rockcress</td>
</tr>
<tr>
<td>Boechera pauciflora (Arabis sparsiflora)</td>
<td>rockcress</td>
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<tr>
<td>Bromus sp.</td>
<td>brome</td>
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<tr>
<td>Cacaliopsis nardosmia (Luina nardosmia)</td>
<td>silvertop luina</td>
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<tr>
<td>Calamagrostis rubescens</td>
<td>pinegrass</td>
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<tr>
<td>Canadanthus modestus (Aster modestus)</td>
<td>few flowered aster</td>
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<tr>
<td>Cardamine cordifolia</td>
<td>heartleaf cardamine</td>
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<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
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<tr>
<td>Castilleja miniata</td>
<td>scarlet Indian-paintbrush</td>
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<tr>
<td>Castilleja tenuis (Orthocarpus hispidus)</td>
<td>owl clover</td>
</tr>
<tr>
<td>Ceanothus velutinus var. velutinus</td>
<td>snowbrush</td>
</tr>
<tr>
<td>Chaenactis douglasia</td>
<td>dusty maidens</td>
</tr>
<tr>
<td>Chaenactis ramosa (included in C. douglasii on WFC)</td>
<td>branching chaenactis</td>
</tr>
<tr>
<td>Chamierion angustifolium (Epilobium angustifolium)</td>
<td>fireweed</td>
</tr>
<tr>
<td>Chileanthus gracillima</td>
<td>lace lip-fern</td>
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<tr>
<td>Chimaphila menziesii</td>
<td>little prince’s pine</td>
</tr>
<tr>
<td>Chimaphila umbellata</td>
<td>pipsissewa</td>
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<tr>
<td>Circe alpina</td>
<td>enchanters nightshade</td>
</tr>
<tr>
<td>Cirsiun arvense*</td>
<td>Canada thistle</td>
</tr>
<tr>
<td>Clarkia rhomboidea</td>
<td>diamond ferryfan</td>
</tr>
<tr>
<td>Clematis occidentalis var. dissecta (Clematis columbiana var. dissecta)</td>
<td>Columbia clematis</td>
</tr>
<tr>
<td>Clematis occidentalis var. grosseserrata</td>
<td>Columbia clematis</td>
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<tr>
<td>Scientific Name</td>
<td>Common Name</td>
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<tr>
<td>---------------------------------</td>
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</tr>
<tr>
<td>Collinsia parviflora</td>
<td>small-flowered blue-eyed Mary</td>
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<tr>
<td>Collomia linearis</td>
<td>narrow-leaf collomia</td>
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<tr>
<td>Collomia tinctoria</td>
<td>yellow-staining collomia</td>
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<tr>
<td>Cryptantha sp.</td>
<td>cryptantha</td>
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<tr>
<td>Cymopterus terebinthinus</td>
<td>turpentine cymopteris</td>
</tr>
<tr>
<td>Cystopteris fragilis</td>
<td>fragile fern</td>
</tr>
<tr>
<td>Dactylis glomerata*</td>
<td>orchardgrass</td>
</tr>
<tr>
<td>Delphinium distichum (D. burkei)</td>
<td>two-spine larkspur</td>
</tr>
<tr>
<td>Delphinium glaucum</td>
<td>pale larkspur</td>
</tr>
<tr>
<td>Delphinium multiplex</td>
<td>Kittitas larkspur</td>
</tr>
<tr>
<td>Delphinium nuttallianum</td>
<td>upland larkspur</td>
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<tr>
<td>Descurainia incisa</td>
<td>tansymustard</td>
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<tr>
<td>Dodecatheon dentatum</td>
<td>white shootingstar</td>
</tr>
<tr>
<td>Drymocallis glandulosa var. glandulosa</td>
<td>sticky cinquefoil</td>
</tr>
<tr>
<td>Elymus elymoides (Stianion hysterix)</td>
<td>squirreltail</td>
</tr>
<tr>
<td>Epilobium brachycarpum</td>
<td>autumn willow-herb</td>
</tr>
<tr>
<td>Epilobium halleanum (E. glandulosum, in part)</td>
<td>common willow-herb</td>
</tr>
<tr>
<td>Equisetum arvense</td>
<td>common horsetail</td>
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<tr>
<td>Eremogone capillaris var. americana (Arenaria capillaris var. americana)</td>
<td>fescue sandwort</td>
</tr>
<tr>
<td>Erigeron cf. acris var. debilis</td>
<td>northern daisy</td>
</tr>
<tr>
<td>Erigeron compositus var. glabratus</td>
<td>dwarf mountain fleaane</td>
</tr>
<tr>
<td>Erigeron glaucis var. glacialis (E. peregrinus)</td>
<td>wandering daisy</td>
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<tr>
<td>Erigeron linearis</td>
<td>lineleaf fleabane</td>
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<tr>
<td>Erigeron speciosus</td>
<td>showy fleabane</td>
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<tr>
<td>Eriogonum compositum var. leianthum</td>
<td>northern buckwheat</td>
</tr>
<tr>
<td>Eriogonum elatum</td>
<td>tall buckwheat</td>
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<tr>
<td>Eriogonum heracleoides</td>
<td>parsnip-flowered buckwheat</td>
</tr>
<tr>
<td>Eriogonum umbellatum var. hypoleum</td>
<td>sulfur flower</td>
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<tr>
<td>Erythranthe breweri (Mimulus breweri)</td>
<td>Brewer's monkeyflower</td>
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<tr>
<td>Erythranthe cf. breviflora (Mimulus breviflorus)</td>
<td>monkeyflower</td>
</tr>
<tr>
<td>Erythranthe guttata (Mimulus guttatus)</td>
<td>yellow monkeyflower</td>
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<tr>
<td>Erythranthe lewisii (Mimulus lewisii)</td>
<td>purple monkeyflower</td>
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<tr>
<td>Erythranthe moschata (Mimulus moschatus)</td>
<td>musk-flowered monkeyflower</td>
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<td>Erythronium grandiflorum</td>
<td>glacier lily</td>
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<tr>
<td>Eucephalus engelmannii (Aster engelmannii)</td>
<td>Engelmann's aster</td>
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<tr>
<td>Festuca sp.</td>
<td>fescue</td>
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<tr>
<td>Fragaria virginiana spp. platypetala</td>
<td>woods strawberry</td>
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<tr>
<td>Frigilariina pudica</td>
<td>yellowbells</td>
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<tr>
<td>Galium triflorum</td>
<td>fragrant bedstraw</td>
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<tr>
<td>Gayophyllum diffusum</td>
<td>groundsmoke</td>
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<tr>
<td>Geum macrophyllum var. macrophyllum</td>
<td>large-leaved avens</td>
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<tr>
<td>Geum triflorum</td>
<td>prairie smoke</td>
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<tr>
<td>Gnaphalium palustre</td>
<td>tomlowland cudweed</td>
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<tr>
<td>Goodyera oblongifolia</td>
<td>western larkspike orchid</td>
</tr>
<tr>
<td>Hackelia micrantha</td>
<td>blue stickseed</td>
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<tr>
<td>Heracleum maximum (Heracleum lanatum)</td>
<td>cow-parsnip</td>
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<tr>
<td>Heterocodon rariflorum</td>
<td>western pearflower</td>
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<tr>
<td>Huchera cylindrica</td>
<td>alumroot</td>
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<tr>
<td>Hieracium alibiflorum</td>
<td>white-flowered hawkweed</td>
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<tr>
<td>Hieracium scouleri (Hieracium albertinum)</td>
<td>Scouler's hawkweed</td>
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<tr>
<td>Hieracium triste (H. gracile)</td>
<td>slender hawksweed</td>
</tr>
<tr>
<td>Holodiscus discolor</td>
<td>ocean spray</td>
</tr>
<tr>
<td>Hydrophyllum fendleri var. albilfrons</td>
<td>Fendler's waterleaf</td>
</tr>
<tr>
<td>Hydrophyllum tenuipes</td>
<td>Pacific waterleaf</td>
</tr>
<tr>
<td>Ipomopsis aggregata</td>
<td>firecracker</td>
</tr>
<tr>
<td>Iris missouriensis</td>
<td>western blue flag</td>
</tr>
<tr>
<td>Scientific Name</td>
<td>Common Name</td>
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<tr>
<td>----------------------------------------</td>
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</tr>
<tr>
<td>Juncus ensifolius</td>
<td>dagger-leaf rush</td>
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<td>Juncus sp.</td>
<td>rush</td>
</tr>
<tr>
<td>Juniperus communis</td>
<td>mountain juniper</td>
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<tr>
<td>Larix occidentalis</td>
<td>western larch</td>
</tr>
<tr>
<td>Lathyrus lanszwertii</td>
<td>thick-leaved peavine</td>
</tr>
<tr>
<td>Lathyrus nevadensis var. puniceus</td>
<td>Sierran peavine</td>
</tr>
<tr>
<td>Leptosiphon harknessii (Linanthus harknessii)</td>
<td>Harkness' linanthus</td>
</tr>
<tr>
<td>Ligusticum grayi</td>
<td>Gray's lovage</td>
</tr>
<tr>
<td>Lithospermum ruderale</td>
<td>Columbia puccoon</td>
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<tr>
<td>Lomatium nudicaule</td>
<td>bare-stem desert parsley</td>
</tr>
<tr>
<td>Lomatium triternatum (see varieties)</td>
<td>nine-leaf lomatium</td>
</tr>
<tr>
<td>Lonicera involucrata</td>
<td>black twinberry</td>
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<tr>
<td>Lupinus arbustus</td>
<td>spurred lupine</td>
</tr>
<tr>
<td>Lupinus latifolius var. latifolius</td>
<td>broadleaf lupine</td>
</tr>
<tr>
<td>Lupinus polyphyllus (see varieties)</td>
<td>largeleafed lupine</td>
</tr>
<tr>
<td>Luzula hitchcocki</td>
<td>smooth woodrush</td>
</tr>
<tr>
<td>Luzula sp.</td>
<td>woodrush</td>
</tr>
<tr>
<td>Madia glomerata</td>
<td>tarweed</td>
</tr>
<tr>
<td>Madia gracilis</td>
<td>tarweed</td>
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<tr>
<td>Maianthemum racemosum (Smilacina racemosa)</td>
<td>western solomon's-seal</td>
</tr>
<tr>
<td>Micranthes ondontoloma (Saxifraga arguta, punctata)</td>
<td>brook saxifrage</td>
</tr>
<tr>
<td>Microseris nutans</td>
<td>nodding microseris</td>
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<tr>
<td>Microsteris gracilis (Phlox gracilis)</td>
<td>pink microsteris</td>
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<tr>
<td>Mitella pentandra</td>
<td>alpine mitrewort</td>
</tr>
<tr>
<td>Mitella trifida</td>
<td>three-toothed mitrewort</td>
</tr>
<tr>
<td>Moehringia macrophylla (Arenaria macrophylla)</td>
<td>big-leaf sandwort</td>
</tr>
<tr>
<td>Monardella odoratissima var. discolor</td>
<td>mountain monardella</td>
</tr>
<tr>
<td>Moneses uniflora</td>
<td>single-delight</td>
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<tr>
<td>Navarretia intertexta var. propinqua</td>
<td>needle-leaf navaretta</td>
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<td>Navarretia sp.</td>
<td>navaretta</td>
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<tr>
<td>Orthilia secunda</td>
<td>one-sided pyrola</td>
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<tr>
<td>Osorhiza occidentalis</td>
<td>western sweet cicely</td>
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<tr>
<td>Paxistima myrsinenses (Pachistima)</td>
<td>mountain box</td>
</tr>
<tr>
<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely</td>
<td>bracted lousewort</td>
</tr>
<tr>
<td>Pedicularis racemosa</td>
<td>sickletop lousewort</td>
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<tr>
<td>Penstemon confertus</td>
<td>yellow penstemon</td>
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<tr>
<td>Penstemon fruticosus var. fruticosus</td>
<td>shrubby penstemon</td>
</tr>
<tr>
<td>Perideridia gairdneri</td>
<td>yampah</td>
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<tr>
<td>Petasites frigidus (see varieties)</td>
<td>coltsfoot</td>
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<tr>
<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
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<tr>
<td>Phacelia procera</td>
<td>tall scorpion-weed</td>
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<tr>
<td>Philadelphus lewisii</td>
<td>mock-orange</td>
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<tr>
<td>Picea engelmanni</td>
<td>Engelmann spruce</td>
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<tr>
<td>Pinus contorta</td>
<td>lodgepole pine</td>
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<tr>
<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
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<tr>
<td>Piperia unalascensis</td>
<td>Alaska rein orchid</td>
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<tr>
<td>Plagiobothrys scouleri</td>
<td>Scouler's popcorn flower</td>
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<tr>
<td>Platanthera dilata</td>
<td>white rein orchid</td>
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<tr>
<td>Platanthera stricta</td>
<td>slender bog orchid</td>
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<tr>
<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
</tr>
<tr>
<td>Polemonium californicum (P. pulcherrimum var. calycinum)</td>
<td>low Jacob's-ladder</td>
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<tr>
<td>Polemonium occidentale</td>
<td>western polemonium</td>
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<tr>
<td>Polygonum douglasii</td>
<td>Douglas' knotweed</td>
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<tr>
<td>Polygonum polygaloides ssp. kelloggii</td>
<td>white-marginated knotweed</td>
</tr>
<tr>
<td>Populus balsamifera ssp. trichocarpa</td>
<td>black cottonwood</td>
</tr>
<tr>
<td>Populus tremuloides</td>
<td>quaking aspen</td>
</tr>
<tr>
<td>Potentilla arguta var. convallaria</td>
<td>tall cinquefoil</td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
</tr>
<tr>
<td>-------------------------------------------------</td>
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</tr>
<tr>
<td>Potentilla gracilis var. flabelliformis</td>
<td><em>Potentilla gracilis</em></td>
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<tr>
<td>Idaho cinquefoil</td>
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<tr>
<td>Prunus emarginata</td>
<td><em>Prunus emarginata</em></td>
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<tr>
<td>bitter cherry</td>
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<tr>
<td>Pseudoroegneria spicata (Agropyron spicatum)</td>
<td><em>Pseudoroegneria spicata</em></td>
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<tr>
<td>bluebunch wheatgrass</td>
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<tr>
<td>Pseudostellaria jamesiana (Stellaria jamesiana)</td>
<td><em>Pseudostellaria jamesiana</em></td>
</tr>
<tr>
<td>sticky starwort</td>
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<tr>
<td>Pterospora andromedea</td>
<td><em>Pterospora andromedea</em></td>
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<tr>
<td>pinedrops</td>
<td></td>
</tr>
<tr>
<td>Ranunculus cf. orthorynchus: pl &gt; 1 m, long slightly bent beak</td>
<td><em>Ranunculus</em></td>
</tr>
<tr>
<td>straight-beak buttercup</td>
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</tr>
<tr>
<td>Ranunculus uncinatus</td>
<td><em>Ranunculus uncinatus</em></td>
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<tr>
<td>little buttercup</td>
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<tr>
<td>Ribes hudsonianum</td>
<td><em>Ribes hudsonianum</em></td>
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<tr>
<td>Hudson Bay currant</td>
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<tr>
<td>Ribes lacustre</td>
<td><em>Ribes lacustre</em></td>
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<tr>
<td>prickly current</td>
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<tr>
<td>Ribes viscosissimum</td>
<td><em>Ribes viscosissimum</em></td>
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<tr>
<td>sticky current</td>
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<tr>
<td>Rosa gymnocarpa</td>
<td><em>Rosa gymnocarpa</em></td>
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<tr>
<td>baldhip rose</td>
<td></td>
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<tr>
<td>Rosa nutkana var. hispida</td>
<td><em>Rosa nutkana</em></td>
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<tr>
<td>Nootka rose</td>
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</tr>
<tr>
<td>Rubus parviflorus</td>
<td><em>Rubus parviflorus</em></td>
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<tr>
<td>thimbleberry</td>
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<tr>
<td>Rumex acutosella *</td>
<td><em>Rumex acutosella</em></td>
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<tr>
<td>sheep sorrel</td>
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<tr>
<td>Rumex crispus*</td>
<td><em>Rumex crispus</em></td>
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<tr>
<td>sour dock</td>
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<tr>
<td>Salix scoulerianna</td>
<td><em>Salix scoulerianna</em></td>
</tr>
<tr>
<td>Scouler’s willow</td>
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<tr>
<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
<td><em>Sambucus nigra</em></td>
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<tr>
<td>blue elderberry</td>
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<tr>
<td>Sambucus racemosa var. melanocarpa</td>
<td><em>Sambucus racemosa</em></td>
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<tr>
<td>black elderberry</td>
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<tr>
<td>Sanicula graveolens</td>
<td><em>Sanicula graveolens</em></td>
</tr>
<tr>
<td>Sierran black-snakeroot</td>
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<tr>
<td>Scirpus microcarpus</td>
<td><em>Scirpus microcarpus</em></td>
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<tr>
<td>small-fruited bullrush</td>
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<tr>
<td>Sedum lanceolatum var. lanceolatum</td>
<td><em>Sedum lanceolatum</em></td>
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<tr>
<td>lanceleaved stonecrop</td>
<td></td>
</tr>
<tr>
<td>Sedum stenopetalum (see varieties)</td>
<td><em>Sedum stenopetalum</em></td>
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<tr>
<td>wormleaf stonecrop</td>
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<tr>
<td>Senecio integrerrimus var. exaltatus</td>
<td><em>Senecio integrerrimus</em></td>
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<td>western groundsel</td>
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<tr>
<td>Senecio serra var. serra</td>
<td><em>Senecio serra</em></td>
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<tr>
<td>butterweed groundsel</td>
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</tr>
<tr>
<td>Senecio triangularis</td>
<td><em>Senecio triangularis</em></td>
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<tr>
<td>arrowleaf groundsel</td>
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<tr>
<td>Shepherdia canadensis</td>
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<td>soopolaliie</td>
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<tr>
<td>Sidalcea oregana var. procer</td>
<td><em>Sidalcea oregana</em></td>
</tr>
<tr>
<td>Oregon checkermallow</td>
<td></td>
</tr>
<tr>
<td>Silene menziesii (some flowers to 10 mm across in Tumwater Canyon)</td>
<td><em>Silene menziesii</em></td>
</tr>
<tr>
<td>Menzies’ catchfly</td>
<td></td>
</tr>
<tr>
<td>Silene parryi</td>
<td><em>Silene parryi</em></td>
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<tr>
<td>Parry’s catchfly</td>
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<tr>
<td>Solidago lepida var. salebrosa (S. canadensis var. salebrosa)</td>
<td><em>Solidago lepida</em></td>
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<tr>
<td>goldenrod</td>
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<tr>
<td>Solidago simplex var. nana (S. spathulata var. nana)</td>
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<tr>
<td>dwarf goldenrod</td>
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<tr>
<td>Spergularia rubra *</td>
<td><em>Spergularia rubra</em></td>
</tr>
<tr>
<td>red sandspurry</td>
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<tr>
<td>Spiraea lucida (S. betulifolia)</td>
<td><em>Spiraea lucida</em></td>
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<td>shiny-leaf spiraea</td>
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<tr>
<td>Stellaria longipes ssp. longipes</td>
<td><em>Stellaria longipes</em></td>
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<tr>
<td>longstalked sandwort</td>
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<tr>
<td>Stellaria sp.</td>
<td><em>Stellaria sp.</em></td>
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<tr>
<td>sandwort</td>
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<tr>
<td>Streptopus amplexifolius</td>
<td><em>Streptopus amplexifolius</em></td>
</tr>
<tr>
<td>claspleaf twisted-stalk</td>
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<tr>
<td>Symphoricarpos albus</td>
<td><em>Symphoricarpos albus</em></td>
</tr>
<tr>
<td>common snowberry</td>
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<tr>
<td>Symphoricarpos mollis var. hesperius</td>
<td><em>Symphoricarpos mollis</em></td>
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<td>creeping snowberry</td>
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<tr>
<td>Symphoricarpos oreophilus</td>
<td><em>Symphoricarpos oreophilus</em></td>
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<td>mountain snowberry</td>
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<tr>
<td>Taraxacum officinale*</td>
<td><em>Taraxacum officinale</em></td>
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Rd 3521 Just E of Table Mtn
Rare Care trip, P. Slichter, E. Kuhlmann, B. Wendling 26 July 2009

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<td>Boechera pauciflora (Arabis sparsiflora)</td>
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<td>Cirsium arvense*</td>
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<td>Lupinus polyphyllus (see varieties)</td>
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<td>Pyrrocoma hirta var. sonchifolia</td>
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<td>Ranunculus orthonychus (see varieties)</td>
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<td>Senecio integerrimus var. exaltatus</td>
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Upper Naneum and Owl Creek
Rare Care trip, E. Kuhlmann, B. Wendling, T. Thomas, K. Van Norman

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Red Top and the ridge to the north  
J. Arnett, 22 July 2008; Rare Care trip, W. Gibble, S. Reichard, T. Thomas 2009

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<tr>
<td>Galium triflorum</td>
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<td>Gayophyllum diffusum</td>
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<td>Geum macrophyllum var. macrophyllum</td>
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<td>Goodyera oblongifolia</td>
<td>western rattlesnake orchid</td>
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<tr>
<td>Hackelia micrantha</td>
<td>blue stickseed</td>
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<td>Heracleum maximum (Heracleum lanatum)</td>
<td>cow-parsnip</td>
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<tr>
<td>Heuchera cylindrica</td>
<td>alumroot</td>
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<tr>
<td>Hieracium albilorum</td>
<td>white-flowered hawkweed</td>
</tr>
<tr>
<td>Hieracium scouleri (Hieracium albertinum)</td>
<td>Scouler's hawkweed</td>
</tr>
<tr>
<td>Hydrophyllum tenuipes</td>
<td>Pacific waterleaf</td>
</tr>
<tr>
<td>Hypericum perforatum*</td>
<td>St. John's-wort</td>
</tr>
<tr>
<td>Iliamna rivularis</td>
<td>streambank globemallow</td>
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<tr>
<td>Ipomopsis aggregata</td>
<td>firecracker</td>
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<td>Larix occidentalis</td>
<td>western larch</td>
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<td>Lathyrus nevadensis var. pilosellus</td>
<td>Sierran peavine</td>
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<tr>
<td>Lathyrus nevadensis var. puniceus</td>
<td>Sierran peavine</td>
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<td>Lewisia rediviva</td>
<td>bitterroot</td>
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<td>Ligusticum sp.</td>
<td>lovage</td>
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<td>Lithospermum ruderale</td>
<td>Columbia puccoon</td>
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<td>Lomatium macrocarpum?</td>
<td>large-fruit lomatum</td>
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<tr>
<td>Lomatium nudicaule</td>
<td>bare-stem desert parsley</td>
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<tr>
<td>Lomatium trinatum (see varieties)</td>
<td>nine-leaf lomatum</td>
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<tr>
<td>Luina hypoleuca</td>
<td>silverback luina</td>
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<tr>
<td>Lupinus polyphyllus (see varieties)</td>
<td>large-leaved lupine</td>
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<tr>
<td>Maianthemum racemosum (Smilacina racemosa)</td>
<td>western Solomon's-seal</td>
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<tr>
<td>Maianthemum stellatum (Smilacina stellata)</td>
<td>starry false Solomon-seal</td>
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<td>Micranthes ondontoloma (Saxifraga arguta, punctata)</td>
<td>brook saxifrage</td>
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<td>Mitella pentandra</td>
<td>alpine mitrewort</td>
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<td>Moehringia macrophylla (Arenaria macrophylla)</td>
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<td>Orthilia secunda</td>
<td>one-sided pyrola</td>
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<td>Osmorthiza occidentalis</td>
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<td>Paeonia brownii</td>
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<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely</td>
<td>bracted lousewort</td>
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<tr>
<td>Pedicularis racemosa</td>
<td>sickletop lousewort</td>
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<td>shrubby penstemon</td>
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<td>Penstemon pruinatus</td>
<td>Chelan penstemon</td>
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<td>Phacelia hastata</td>
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<td>Phacelia linearis</td>
<td>thread-leaf scopion-weed</td>
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<td>Phacelia procer</td>
<td>tall scorpion-weed</td>
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<td>Phleum sp.</td>
<td>timothy</td>
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<td>Physaria alpestris</td>
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<td>Pinus monticola</td>
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<td>Pinus ponderosa</td>
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<td>Platanthera dilatata</td>
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<td>Polemonium sp.</td>
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<td>Populus balsamifera ssp. trichocarpa</td>
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<td>Potentilla gracilis var. fiabelliformis</td>
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<td>Prunella vulgaris var. vulgaris</td>
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<td>Prunus emarginata</td>
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<tr>
<td>Pseudoroegneria spicata (Agropyron spicatum)</td>
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<tr>
<td>Pyrola picta</td>
<td>white-vein wintergreen</td>
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<tr>
<td>Rhododendron albilorum</td>
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<td>Common Name</td>
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<tr>
<td>Ribes lacustre</td>
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<td>Ribes viscosissimum</td>
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<td>Rosa nutkana var. hispida</td>
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<td>Rosa woodsii var. ultramontana</td>
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<td>Rubus parviflorus</td>
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<td>Rudbeckia alpicola</td>
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<td>Rumex acetosella *</td>
<td>sheep sorrel</td>
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<td>Rumex sp.</td>
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<tr>
<td>Salix scouleriana</td>
<td>Scouler's willow</td>
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<tr>
<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
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<td>Sanicula graveolens</td>
<td>Sierran black-snakeroott</td>
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<td>Scirpus microcarpus</td>
<td>small-fruited bulrush</td>
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<tr>
<td>Sedum lanceolatum var. lanceolatum</td>
<td>lanceleaved stonecrop</td>
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<tr>
<td>Sedum stenopetalum (see varieties)</td>
<td>wormleaf stonecrop</td>
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<tr>
<td>Senecio integerrimus var. exaltatus</td>
<td>western groundsel</td>
</tr>
<tr>
<td>Senecio triangularis</td>
<td>arrowleaf groundsel</td>
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<tr>
<td>Silene douglasii var. douglasii: ovary stalk 2-3 mm, pls glandular in upper part</td>
<td>Douglas' silene</td>
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<tr>
<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
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<td>Taraxacum officinale*</td>
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<td>Thalictrum occidentale</td>
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<td>Tragopogon dubius*</td>
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<td>Trillium ovatum</td>
<td>western trillium</td>
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<td>Urtica dioica</td>
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<tr>
<td>Vaccinium membranaceum</td>
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<td>Vaccinium ovalifolium (includes V. alaskaense)</td>
<td>Alaska blueberry</td>
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<td>Valeriana columbiana</td>
<td>Wenatchee valerian</td>
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<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
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<tr>
<td>Veratrum californicum</td>
<td>California false hellebore</td>
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<tr>
<td>Vicia americana var. americana</td>
<td>American vetch</td>
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<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
<td>common name</td>
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<td>Abies grandis</td>
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<td>Abies lasiocarpa</td>
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<td>Acer glabrum var. douglasii</td>
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<td>Achillea millefolium</td>
<td>common yarrow</td>
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<td>Achlys triphylla</td>
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<td>Aconitum columbianum</td>
<td>Columbia monkshood</td>
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<td>Adenocaulon bicolor</td>
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<td>Adiantum aleuticum (A. pedatum)</td>
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<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
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<td>Alnus viridis ssp. sinuata (Alnus sinuata)</td>
<td>Sitka alder</td>
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<td>Amelanchier alnifolia</td>
<td>western serviceberry</td>
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<td>Anaphalis margaritacea</td>
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<td>Antennaria rosea</td>
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<td>Aspidotis densa</td>
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<td>Berberis nervosa</td>
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<td>Carex hoodii</td>
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<td>Carex rossii</td>
<td>Ross' sedge</td>
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<td>Castilleja elmeri</td>
<td>Wenatchee mountains Indian-paintbrush</td>
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<td>Castilleja hispida var. hispida</td>
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<td>Ceanothus velutinus var. velutinus</td>
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<td>Chaenactis thompsonii</td>
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<tr>
<td>Chelanth es gracillima</td>
<td>lace lip fern</td>
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<td>little princes pine</td>
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<td>Cirsium edule</td>
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<tr>
<td>Cirsium edule var. wenatchense</td>
<td>Wenatchee thistle</td>
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<td>Claytonia lanceolata</td>
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<tr>
<td>Claytonia megarhiza (var. nivalis)</td>
<td>fellofields claytonia</td>
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<td>Collinsia parviflora</td>
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<td>Crepis occidentalis</td>
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<td>Crepis sp.</td>
<td>hawksbeard</td>
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<tr>
<td>Cryptantha thompsonii</td>
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<tr>
<td>Latin Name</td>
<td>Common Name</td>
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<tr>
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<td>----------------------------------</td>
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<tr>
<td>Cystopteris fragilis</td>
<td>fragile fern</td>
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<tr>
<td>Dactylis glomerata*</td>
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<tr>
<td>Dasiphora fruticosa (Potentilla fruticosa)</td>
<td>shrubby cinquefoil</td>
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<tr>
<td>Delphinium nuttallianum</td>
<td>upland larkspur</td>
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<td>Dodecatheon sp.</td>
<td>shootingstar</td>
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<td>Douglasia nivalis</td>
<td>snow Douglasia</td>
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<tr>
<td>Drymocallis glandulosa var. glandulosa (Potentilla glandulosa)</td>
<td>sticky cinquefoil</td>
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<td>Elymus glaucus</td>
<td>blue wildrye</td>
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<tr>
<td>Epilobium clavatum (E. alpinum)</td>
<td>talus willowherb</td>
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<td>Epilobium minutum</td>
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<td>Equisetum arvense</td>
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<td>Erigeron compositus var. glabrus</td>
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<td>Erigeron glacialis var. glacialis (E. peregrinus)</td>
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<td>Eriogonum compositum var. compositum</td>
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<td>Eriogonum elatum</td>
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<td>Eriogonum pyrolilloides (see vars.)</td>
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<tr>
<td>Eriogonum umbellatum var. hypoleum</td>
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<td>Eriophyllum lanatum</td>
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<td>Erythranthe guttata (Mimulus guttatus)</td>
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<td>Erythranthe lewisii (Mimulus lewisi)</td>
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<td>Erythronium grandiflorum</td>
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<td>Galium bifolium</td>
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<td>Galium multiflorum</td>
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<td>Galium triflorum</td>
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<td>Goodyera oblongifolia</td>
<td>western rattlesnake orchid</td>
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<td>Hackelia micrantha</td>
<td>blue stickseed</td>
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<tr>
<td>Heracleum maximum (Heracleum lanatum)</td>
<td>cow-parsnip</td>
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<td>Heuchera cylindrica</td>
<td>alumroot</td>
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<tr>
<td>Hieracium alpinum</td>
<td>white-flowered hawkweed</td>
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<td>Hieracium scouleri (Hieracium albertinum)</td>
<td>Scouler's hawkweed</td>
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<td>Holodiscus discolor</td>
<td>ocean spray</td>
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<td>Hordeum</td>
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<td>Hydrophyllum capitatum var. capitatum</td>
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<td>Hydrophyllum fendleri var. albilfrons</td>
<td>Fendler's waterleaf</td>
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<tr>
<td>Ipomopsis aggregata</td>
<td>firecracker</td>
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<td>J uniperus communis</td>
<td>mountain juniper</td>
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<td>Larix lyallii</td>
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<td>Lewisia columbiana</td>
<td>Columbia lewisia</td>
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<td>Ligusticum sp.</td>
<td>lovage</td>
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<td>Lomatium brandegei</td>
<td>Brandegee's lomatium</td>
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<td>Lomatium cuspidatum</td>
<td>Wenatchee desert parsley</td>
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<td>Lomatium nudicaule</td>
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<td>Luina hypoleuca</td>
<td>silverback luina</td>
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<tr>
<td>Lupinus cf. sericeus var. fikeranus, keys to L. wytchei</td>
<td>silky lupine</td>
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<td>Luzula hitchcockii</td>
<td>smooth woodrush</td>
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<td>Maianthemum racemosum (Smilacina racemosa)</td>
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<td>Melica sp.</td>
<td>oniongrass</td>
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<td>Microstera gracilis (Phlox gracilis)</td>
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<td>Mitella pentandra</td>
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<td>Moehringia macrophylla ( Arenaria macrophylla)</td>
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<tr>
<td>Montia parvifolia</td>
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</tr>
<tr>
<td>Common Name</td>
<td>Latin Name</td>
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<tr>
<td>Orobanche sp.</td>
<td>broomrape</td>
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<td>Orthilia secunda</td>
<td>one-sided pyrola</td>
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<tr>
<td>Osmorhiza occidentalis</td>
<td>western sweet cicely</td>
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<tr>
<td>Packera streptanthifolia (Senecio streptanthifolius)</td>
<td>Rocky Mountain groundsel</td>
</tr>
<tr>
<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
</tr>
<tr>
<td>Penstemon davidsonii (see varieties)</td>
<td>Davidson's penstemon</td>
</tr>
<tr>
<td>Penstemon fruticosus var. fruticosus</td>
<td>shrubby penstemon</td>
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<td>Penstemon rupicola</td>
<td>rock penstemon</td>
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<td>Penstemon serrulatus</td>
<td>Cascade penstemon</td>
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<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
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<tr>
<td>Phacelia prodera</td>
<td>tall cascade penstemon</td>
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<td>Phleum alpinum</td>
<td>alpine timothy</td>
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<tr>
<td>Phlox diffusa (see varieties and subspecies)</td>
<td>spreading phlox</td>
</tr>
<tr>
<td>Pinus albicaulis</td>
<td>whitebark pine</td>
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<tr>
<td>Pinus contorta</td>
<td>lodgepole pine</td>
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<tr>
<td>Pinus monticola</td>
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<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
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<tr>
<td>Piperia unalascensis</td>
<td>Alaska rein orchid</td>
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<tr>
<td>Plantago lanceolata</td>
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<td>Platanthera dilatata</td>
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<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
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<td>Poa curtifolia</td>
<td>little mountain bluegrass</td>
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<tr>
<td>Polemonium elegans</td>
<td>elegant Jacob's-ladder</td>
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<tr>
<td>Polygonum douglasii</td>
<td>Douglas's knotweed</td>
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<tr>
<td>Polygonum sp.</td>
<td>knotweed</td>
</tr>
<tr>
<td>Polystichum kruckebergii</td>
<td>Kruckeberg's sword fern</td>
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<tr>
<td>Polystichum lemmontii (P. mohrioides)</td>
<td>Lemmon's hollyfern</td>
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<tr>
<td>Populus balsamifera ssp. trichocarpa</td>
<td>black cottonwood</td>
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<td>Potentilla cf. recta</td>
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<td>Prunus emarginata</td>
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<td>Prunus virginiana</td>
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<td>Pseudoroegneria spicata (Agropyron spicatum)</td>
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<tr>
<td>Pteridium aquilinum</td>
<td>bracken</td>
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<tr>
<td>Pyrola picta</td>
<td>white-vein wintergreen</td>
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<td>Ranunculus repens</td>
<td>creeping buttercup</td>
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<td>Rhamnus purshiana</td>
<td>cascara</td>
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<td>Ribes lacustre</td>
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<td>Ribes viscosissimum</td>
<td>sticky current</td>
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<tr>
<td>Rosa gymnocarpa</td>
<td>baldhip rose</td>
</tr>
<tr>
<td>Rosa nutkana var. hispida</td>
<td>Nootka rose</td>
</tr>
<tr>
<td>Rubus parviflorus</td>
<td>thimbleberry</td>
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<tr>
<td>Rumex acetosa*</td>
<td>dock</td>
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<tr>
<td>Rumex acetosella *</td>
<td>sheep sorrel</td>
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<tr>
<td>Salix scoulerianna</td>
<td>Scouler's willow</td>
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<td>Salix sp.</td>
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<td>Sambucus racemosa</td>
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<td>Sanicula graveolens</td>
<td>Sierran black-snakeroot</td>
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<td>Saxifraga cespitosa</td>
<td>tufted saxifrage</td>
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<td>Sedum lanceolatum var. lanceolatum</td>
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<td>Sedum sp.</td>
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<td>Senecio integerrimus var. exaltatus</td>
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<tr>
<td>Senecio triangularis</td>
<td>arrowleaf groundsel</td>
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<td>Silene parryi</td>
<td>Parry's catchfly</td>
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<td>Sorbus scopulina</td>
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<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
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<td>Name</td>
<td>Common Name</td>
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<td>Taraxacum officinale*</td>
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<td>Pacific yew</td>
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<td>Thinopyrum intermedium (Agropyron intermedium)</td>
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<td>Tragopogon dubius*</td>
<td>salsify</td>
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<td>Trifolium hybridum*</td>
<td>Alsike clover</td>
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<tr>
<td>Trifolium pratense*</td>
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<td>Trifolium repens*</td>
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<td>Vaccinium membranaceum</td>
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<td>Veratrum viride</td>
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<td>Veronica serpyllifolia</td>
<td>thyme-leaved speedwell</td>
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<td>Veronica wormskjoldii</td>
<td>Wormskjold's speedwell</td>
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<td>Viola glabella</td>
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<td>Viola purpurea var. venosa</td>
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<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
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<td>Achlys triphylla</td>
<td>vanilla-leaf</td>
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<td>Adiantum aleuticum (A. pedatum)</td>
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<td>Agoseris glauca</td>
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<td>Agoseris heterophylla</td>
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<td>Allium scilloides?</td>
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<td>Alnus viridis ssp. sinuata (Alnus sinuata)</td>
<td>Sitka alder</td>
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<td>Amelanchier alnfolia</td>
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<td>Anaphalis margaritacea</td>
<td>pearly everlasting</td>
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<td>Anemone drummondii</td>
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<td>Angelica arguta</td>
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<td>Antennaria racemosa</td>
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<td>Indians dream</td>
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<td>Balsamorhiza sagitata</td>
<td>arrowleaf balsamroot</td>
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<td>Berberis repens</td>
<td>creeping Oregon-grape</td>
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<td>Bistorta bistortoides (Polygonum bistortoides)</td>
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<td>elk sedge</td>
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<td>Carex hoodii</td>
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<td>Castilleja elmeri</td>
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<td>Castilleja hispida var. hispida</td>
<td>harsh paintbrush</td>
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<td>Ceanothus velutinus var. velutinus</td>
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<td>Chimaphila umbellata</td>
<td>pipissewa</td>
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<td>Claytonia lanceolata</td>
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<td>Cystopteris fragilis</td>
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<td>Dasiphora fruticosa (Potentilla fruticosa)</td>
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<td>Delphinium nuttallianum</td>
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<td>Dodecatheon pulchellum var. cusickii</td>
<td>Cusick's shootingstar</td>
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<td>Douglasia nivalis</td>
<td>snow Douglasia</td>
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<td>Drymocallis glandulosa var. glandulosa (Potentilla glandulosa)</td>
<td>sticky cinquefoil</td>
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<td>Epilobium minutum</td>
<td>small-flowered willow herb</td>
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<td>Eremogone capillaris var. americana ( Arenaria capillaris var. americana)</td>
<td>rescue sandwort</td>
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<tr>
<td>Erigeron glacialis var. glacialis (E. peregrinus)</td>
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<tr>
<td>Eriogonum compositum</td>
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<tr>
<td>Eriogonum pyrolofolium (see vars.)</td>
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<tr>
<td>Scientific Name</td>
<td>Common Name</td>
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<tr>
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<tr>
<td>Eriogonum umbellatum var. hypoleum</td>
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<td>Fragaria virginiana spp. platypetala</td>
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<td>Galium triflorum</td>
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<td>Goodyera oblongifolia</td>
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<td>Hackelia micrantha</td>
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<td>Holodiscus discolor</td>
<td>ocean spray</td>
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<td>Hypericum perforatum*</td>
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<td>Ipomopsis aggregata</td>
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<td>Lilium columbianum</td>
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<td>Linnaea borealis</td>
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<td>Lithophragma parviflora</td>
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<td>Lomatium brandegei</td>
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<td>Lomatium gormani</td>
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<td>Lomatium nudicaule</td>
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<td>Loniceria ciliosa</td>
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<td>Lupinus cf. sericeus var. fikeranus,</td>
<td>silky lupine</td>
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<td>keys to L. wyethei</td>
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<td>Maianthemum racemosum (Smilacina racemosa)</td>
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<tr>
<td>Maianthemum stellatum (Smilacina stellata)</td>
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<td>Mitella sp.</td>
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<td>Moehringia macrophylla (Arenaria macrophylla)</td>
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<td>Monta parviflora</td>
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<td>Orthilia secunda</td>
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<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
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<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely</td>
<td>bracted lousewort</td>
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<tr>
<td>Penstemon fruticosus var. fruticosus</td>
<td>shrubby penstemon</td>
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<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
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<tr>
<td>Phacelia heterophylla var. heterophylla</td>
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<tr>
<td>Phlox diffusa (see varieties and subspecies)</td>
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<td>Phyllocladus ganduliflora</td>
<td>yellow mountain heather</td>
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<tr>
<td>Physaria alpestris</td>
<td>alpine twinpod</td>
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<td>Pinus albicaulis</td>
<td>whitebark pine</td>
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<td>Pinus monticola</td>
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<td>Alaska rein orchid</td>
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<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
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<td>Poa curtipetiolosa</td>
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<td>Poa secunda (see subspecies)</td>
<td>Sandberg's bluegrass</td>
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<td>Polystichum lonchits</td>
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<td>Potentilla sp.</td>
<td>cinquefoil</td>
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<td>Prunus emarginata</td>
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<td>bracken</td>
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<tr>
<td>Pyrola picta</td>
<td>white-vein wintergreen</td>
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<td>Scientific Name</td>
<td>Common Name</td>
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<tr>
<td>Rhododendron columbianum (Ledum glandulosum)</td>
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<td>Ribes lacustre</td>
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<td>Ribes viscosissimum</td>
<td>sticky current</td>
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<td>Rosa gymnocarpa</td>
<td>baldhip rose</td>
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<td>Rubus parviflorus</td>
<td>thimbleberry</td>
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<td>Rubus ursinus</td>
<td>trailing blackberry</td>
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<td>Rumex acetosella *</td>
<td>sheep sorrel</td>
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<td>Sanicula graveolens</td>
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<td>Scirpus microcarpus</td>
<td>small-fruited bullrush</td>
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<td>Sedum lanceolatum var. lanceolatum</td>
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<td>Senecio sp.</td>
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<td>Sorbus scopulina</td>
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<td>Spiraea densiflora var. densiflora</td>
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<td>Taraxacum officinale*</td>
<td>common dandelion</td>
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<td>Taxus brevifolia</td>
<td>Pacific yew</td>
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<td>Thalictrum occidentale</td>
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<td>Trientalis europaea</td>
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<td>Tsuga mertensiana</td>
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<td>Vaccinium membranaceum</td>
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<td>Veratrum viride</td>
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<td>Vicia americana var. americana</td>
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<td>Viola glabella</td>
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<td>Viola purpuea var. venosa</td>
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<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
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<td>bigleaf maple</td>
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<td>Achillea millefolium</td>
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<td>Achlys triphylla</td>
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<td>Adenocaulon bicolor</td>
<td>pathfinder</td>
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<td>Agoseris aurantiana var. aurantica</td>
<td>orange agoseris</td>
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<td>Agoseris retrorsa</td>
<td>spear leaved agoseris</td>
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<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
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<td>Collomia grandiflora</td>
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<td><em>Eriogonum compositum var. leianthum</em></td>
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<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
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<td>Viola purpurrea var. venosa</td>
<td>purplish violet</td>
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<tr>
<td>Zigadenus paniculatus</td>
<td>paniculate death-camas</td>
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# Beverly Turnpike Trail

**Rare Care trip, P. Slichter, K. Reagan, J. Bresnan 11 July 2010**

<table>
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<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<td>Douglas maple</td>
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<td>Achiys triphylla</td>
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<td>Adenocaulon bicolor</td>
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<td>western sweet cicely</td>
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<td>Packera streptanthifolia (Senecio streptanthifolius)</td>
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<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely</td>
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<td>Trifolium pratense*</td>
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<td>Trifolium repens*</td>
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<td>Viola purpurea var. venosa</td>
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<tr>
<td>Woodsia scopulina (see varieties)</td>
<td>western cliff fern</td>
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### Miller Creek Trail

Rare Care trip, P Slichter, J Thorson, K Van Norman 10July2010

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<td>Abies lasiocarpa</td>
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<td>Alnus viridus ssp. sinuata (Alnus sinuata)</td>
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<td>Clematis occidentalis (v.?)</td>
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<td>Columbia puccoon</td>
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<td>Lomatium triternatum var. triternatum</td>
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<td>Zigadenus paniculatus</td>
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Trail 1219 and 1234, above Naneum Creek, T21N R18E S22, S23, S25, S26 & S36. Rare Care trip W. Gibble, S. Reichard, J. Youngman, E Dixon, M. Henry 10July2010

<table>
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<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<td>Viola glabella</td>
<td>Pioneer violet</td>
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# Esmerelda Basin

**Rare Care trip:** W. Gibble, R. Ramsden, K. Van Norman, M. Henry, J. Thorson, 11 July 2010

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<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
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<td>Abies lasiocarpa</td>
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<td>Viola purporepea var. venosa</td>
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North Teanaway Ridge, T21N R17E S5 & S8  
Rare Care trip; E. Kuhlmann, B. Wendling, S. Reichard, E Dixon, J. Youngman 11July2010

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<td>Prunus emarginata</td>
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<td>Pseudostellaria jamesiana (Stellaria jamesiana)</td>
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<td>Pyrola picta</td>
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<td>Ribes viscosissimum</td>
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<td>Rudbeckia alpicola</td>
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<td>Senecio integerrimus var. exaltatus</td>
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<td>Sorbus scopulina</td>
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<td>Spiraea lucida (S. betulifolia)</td>
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<td>Tragopogon dubius*</td>
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<td>Vicia sp.</td>
<td>vetch</td>
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<tr>
<td>Zigadenus venenosus</td>
<td>death-camas</td>
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DeRoux Creek Trail (1392), and DeRoux Spur trail (1392.1) and along ridgetop T22N R15E S3 & S4. Rare Care trip: E. Kuhlmann, B. Wendling, R. Ramsden, J. Bresnan 10July2010

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
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<td>Abies grandis</td>
<td>grand fir</td>
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<td>Abies lasiocarpa</td>
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<td>Douglas fir</td>
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<td>baneberry</td>
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<td>Arctostaphylos uva-ursi</td>
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<td>Carex rossii</td>
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<td>Carex vesicaria</td>
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<td>Wenatchee mountains Indian-paintbrush</td>
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<td>Castilleja hispida var. hispida</td>
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<td>Cheilanthes gracillima</td>
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<td>Common Name</td>
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<td>Eriogonum pyroliifolium (see vars.)</td>
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<td>Erythranthe lewisii (Mimus lewisii)</td>
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<td>Pedicularis groenlandica</td>
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<td>Rubus parviflorus</td>
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<td>Viola purpurea var. venosa</td>
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Tumwater Canyon

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<td>Boechera (Arabis holboelli, in part, misapplied)</td>
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<td>Chamerion angustifolium (Epilobium angustifolium)</td>
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<tr>
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<td>Lewisia tweedyi (Cistanthe tweedyi)</td>
<td>tweedy's lewisia</td>
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<td>birdfoot trefoil</td>
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<td>Lupinus cf. sericeus var. fikeranus, keys to L. wyethii</td>
<td>silky lupine</td>
</tr>
<tr>
<td>Lupinus latifolius var. latifolius</td>
<td>broadleaf lupine</td>
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<tr>
<td>Lupinus wyethii</td>
<td>wyeth's lupine</td>
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<tr>
<td>Madia gracilis</td>
<td>tarweed</td>
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<tr>
<td>Malanthemum racemosum (Smilacina racemosa)</td>
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<tr>
<td>Matricaria matricarioides*</td>
<td>pineapple weed</td>
</tr>
<tr>
<td>Mentzelia albicaulis (lance plants with ovate acute bracts)</td>
<td>small-flowered mentzelia</td>
</tr>
<tr>
<td>Micranthes idahoensis/occidentalis (Saxifraga)</td>
<td>western saxifrage</td>
</tr>
<tr>
<td>Micranthes ondolitoma (Saxifraga arguta, punctata)</td>
<td>brook saxifrage</td>
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<tr>
<td>Monia parvifolia</td>
<td>streambank springbeauty</td>
</tr>
<tr>
<td>Orobanche uniflora</td>
<td>naked broomrape</td>
</tr>
<tr>
<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
</tr>
<tr>
<td>Penstemon fruticosus var. fruticosus</td>
<td>shrubby penstemon</td>
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<tr>
<td>Penstemon pruinosus</td>
<td>Chelan penstemon</td>
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<td>Phacelia hastata</td>
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<td>Phacelia linearis</td>
<td>thread-leaf scorpion-weed</td>
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<tr>
<td>Philadelphus lewisii</td>
<td>mock-orange</td>
</tr>
<tr>
<td>Phlox diffusa (see varieties and subspecies)</td>
<td>spreading phlox</td>
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<tr>
<td><strong>Pinus ponderosa</strong></td>
<td>ponderosa pine</td>
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<tr>
<td><strong>Piptatherum exiguum</strong> (Oryzopsis exigua)</td>
<td>little mountain ricegrass</td>
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<tr>
<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
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<tr>
<td>Poa secunda (see subspecies)</td>
<td>Sandberg's bluegrass</td>
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<tr>
<td>Polystichum imbricans</td>
<td>imbricate sword fern</td>
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<tr>
<td>Potentilla recta*</td>
<td>sulfur cinquefoil</td>
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<tr>
<td>Prunus emarginata</td>
<td>bitter cherry</td>
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<td>Prunus virginiana</td>
<td>chokecherry</td>
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<tr>
<td><em>Pseudoroegneria spicata</em> (Agropyron spicatum)</td>
<td>bluebunch wheatgrass</td>
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<tr>
<td>Pyrola picta</td>
<td>white-vein wintergreen</td>
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<tr>
<td>Rosa gymnocarpa</td>
<td>baldhip rose</td>
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<tr>
<td>Rosa woodsii var. ultramontana</td>
<td>Wood's rose</td>
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<tr>
<td>Rubus parviflorus</td>
<td>thimbleberry</td>
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<tr>
<td>Salix scouleriiana</td>
<td>Scouler's willow</td>
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<tr>
<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
<td>blue elderberry</td>
</tr>
<tr>
<td>Saxifragopsis fragarioides</td>
<td>strawberry saxifrage</td>
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<tr>
<td>Selaginella wallacei</td>
<td>Wallace's selaginella</td>
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<tr>
<td><em>Senecio integerrimus</em> var. ochroleucus</td>
<td>pale western groundsel</td>
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<tr>
<td>Silene menziesii (some flowers to 10 mm across in Tumwater Canyon)</td>
<td>Menzie's catchfly</td>
</tr>
<tr>
<td>Silene seelyi</td>
<td>Seeley's catchfly</td>
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<tr>
<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
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<tr>
<td>Stephanomeria tenuifolia</td>
<td>wire lettuce</td>
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<tr>
<td>Suksdorfia violacea</td>
<td>violet mock brookfoam</td>
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<tr>
<td>Symphoricarpos albus</td>
<td>common snowberry</td>
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<tr>
<td>Taraxacum officinale*</td>
<td>common dandelion</td>
</tr>
<tr>
<td>Tragopogon dubius*</td>
<td>salsify</td>
</tr>
<tr>
<td>Trientalis latifolia (T. borealis)</td>
<td>western starflower</td>
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<tr>
<td><em>Trifolium hybridum</em></td>
<td>Alsike clover</td>
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<tr>
<td>Vaccinium membranaceum</td>
<td>thin-leaved huckleberry</td>
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<tr>
<td>Viola purpurnea var. venosa</td>
<td>purplish violet</td>
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<tr>
<td><em>Woodsia oregana</em> ssp. oregana</td>
<td>western cliff fern</td>
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<tr>
<td>Zigadenus venenosus</td>
<td>death-camas</td>
</tr>
<tr>
<td><em>Zigadenus venenosus var. gramineus</em></td>
<td>death camas</td>
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<tr>
<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
<td>common name</td>
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<tr>
<td>Abies grandis</td>
<td>grand fir</td>
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<tr>
<td>Acer glabrum var. douglasii</td>
<td>Douglas maple</td>
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<tr>
<td>Acer macrophyllum</td>
<td>bigleaf maple</td>
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<tr>
<td>Achillea millefolium</td>
<td>common yarrow</td>
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<tr>
<td>Agoseris grandiflora</td>
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<tr>
<td>Agoseris heterophylla</td>
<td>annual agoseris</td>
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<tr>
<td>Agoseris retrorsa</td>
<td>spear leaved agoseris</td>
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<tr>
<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
</tr>
<tr>
<td>Allium acuminatum</td>
<td>taper tip onion</td>
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<tr>
<td>Allium robinsonii?</td>
<td>Robinson's onion</td>
</tr>
<tr>
<td>Amelanchier alnifolia</td>
<td>western serviceberry</td>
</tr>
<tr>
<td>Angelica canbyi</td>
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<td>Antennaria microphylla</td>
<td>rosy pussy-tos</td>
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<tr>
<td>Antennaria racemosa</td>
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<td>Apocynum androsaemifolium</td>
<td>dogbane</td>
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<td>Arnica cordifolia</td>
<td>heart-leaf arnica</td>
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<tr>
<td>Artemisia tridentata</td>
<td>tall sagebrush</td>
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<tr>
<td>Aspidotis densa</td>
<td>Indian's dream</td>
</tr>
<tr>
<td>Athysanus pusillus</td>
<td>sandweed</td>
</tr>
<tr>
<td>Balsamorhiza sagittata</td>
<td>arrow-leaf balsamroot</td>
</tr>
<tr>
<td>Berberis aquifolium</td>
<td>tall Oregon grape</td>
</tr>
<tr>
<td>Boeckera (Arabis hoibellii, in part, misapplied)</td>
<td>rockcress</td>
</tr>
<tr>
<td>Bromus tectorum</td>
<td>cheatgrass</td>
</tr>
<tr>
<td>Calochortus lyallii</td>
<td>Lyall's mariposa lily</td>
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<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
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<tr>
<td>Castilleja hispida var. hispida</td>
<td>harsh paintbrush</td>
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<tr>
<td>Ceanothus sanguineus</td>
<td>redstem ceanothus</td>
</tr>
<tr>
<td>Ceanothus velutinus var. velutinus</td>
<td>snowbrush</td>
</tr>
<tr>
<td>Centaurea diffusa*</td>
<td>diffuse knapweed</td>
</tr>
<tr>
<td>Cerastium arvense</td>
<td>field chickweed</td>
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<tr>
<td>Chaenactis ramosa (included in C. douglasii on WFC)</td>
<td>branching chaenactis</td>
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<td>Chamerion angustifolium (Epilobium angustifolium)</td>
<td>fireweed</td>
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<tr>
<td>Lotus corniculatus</td>
<td>brafot trefoil</td>
</tr>
<tr>
<td>Lupinus cf. sericeus var. fikeranus, keys to L. wyethii</td>
<td>silky lupine</td>
</tr>
<tr>
<td>Lupinus latifolius var. latifolius</td>
<td>broadleaf lupine</td>
</tr>
<tr>
<td>Lupinus wyethii</td>
<td>Wyeth's lupine</td>
</tr>
<tr>
<td>Madia gracilis</td>
<td>tarweed</td>
</tr>
<tr>
<td>Maianthemum racemosum (Smilacina racemosa)</td>
<td>western solomon's-seal</td>
</tr>
<tr>
<td>Matricaria matricarioides*</td>
<td>pineapple weed</td>
</tr>
<tr>
<td>Mentzelia albicaulis (Icicle plants with ovale acute bracts)</td>
<td>small-flowered mentzelia</td>
</tr>
<tr>
<td>Micranthes idahoensis/occidentalis (Saxifraga)</td>
<td>western saxifrage</td>
</tr>
<tr>
<td>Micranthes ondontoloma (Saxifraga arguta, punctata)</td>
<td>brook saxifrage</td>
</tr>
<tr>
<td>Montia parvifolia</td>
<td>streambank springbeauty</td>
</tr>
<tr>
<td>Orobanche uniflora</td>
<td>naked broomrape</td>
</tr>
<tr>
<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
</tr>
<tr>
<td>Penstemon fruticosus var. fruticosus</td>
<td>shrubby penstemon</td>
</tr>
<tr>
<td>Penstemon pruinosus</td>
<td>Chelan penstemon</td>
</tr>
<tr>
<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
</tr>
<tr>
<td>Phacelia linearis</td>
<td>thread-leaf scopion-weed</td>
</tr>
<tr>
<td>Philadelphus lewisi</td>
<td>mock-orange</td>
</tr>
<tr>
<td>Phlox diffusa (see varieties and subspecies)</td>
<td>spreading phlox</td>
</tr>
<tr>
<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
</tr>
<tr>
<td>Latin Name</td>
<td>Common Name</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>Piptatherum exiguum (Oryzopsis exigua)</td>
<td>little mountain ricegrass</td>
</tr>
<tr>
<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
</tr>
<tr>
<td>Poa secunda (see subspecies)</td>
<td>Sandberg's bluegrass</td>
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<tr>
<td>Polystichum imbricans</td>
<td>imbricate sword fern</td>
</tr>
<tr>
<td>Potentilla recta*</td>
<td>sulfur cinquefoil</td>
</tr>
<tr>
<td>Prunus emarginata</td>
<td>bitter cherry</td>
</tr>
<tr>
<td>Prunus virginiana</td>
<td>chokecherry</td>
</tr>
<tr>
<td>Pseudoroegneria spicata (Agropyron spicatum)</td>
<td>bluebunch wheatgrass</td>
</tr>
<tr>
<td>Pyrola picta</td>
<td>white-vein wintergreen</td>
</tr>
<tr>
<td>Rosa gymnocarpa</td>
<td>baldhip rose</td>
</tr>
<tr>
<td>Rosa woodsii var. ultramontana</td>
<td>Wood's rose</td>
</tr>
<tr>
<td>Rubus parviflorus</td>
<td>thimbleberry</td>
</tr>
<tr>
<td>Salix scouleriana</td>
<td>Scouler's willow</td>
</tr>
<tr>
<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
<td>blue elderberry</td>
</tr>
<tr>
<td>Saxifragopsis fragarioides</td>
<td>strawberry saxifrage</td>
</tr>
<tr>
<td>Selaginella wallacei</td>
<td>Wallace's selaginalla</td>
</tr>
<tr>
<td>Senecio integerrimus var. ochroleucus</td>
<td>pale western groundsel</td>
</tr>
<tr>
<td>Silene menziesii (some flowers to 10 mm across in Tumwater Canyon)</td>
<td>Menzies' catchfly</td>
</tr>
<tr>
<td>Silene seelyi</td>
<td>Seely's catchfly</td>
</tr>
<tr>
<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
</tr>
<tr>
<td>Stephanomeria tenuifolia</td>
<td>wire lettuce</td>
</tr>
<tr>
<td>Suksdorfia violacea</td>
<td>violet mock brookfoam</td>
</tr>
<tr>
<td>Symphoricarpos albus</td>
<td>common snowberry</td>
</tr>
<tr>
<td>Taraxacum officinale*</td>
<td>common dandelion</td>
</tr>
<tr>
<td>Tragopogon dubius*</td>
<td>salsify</td>
</tr>
<tr>
<td>Trientalis latifolia (T. borealis)</td>
<td>western starflower</td>
</tr>
<tr>
<td>Trifolium hybridum*</td>
<td>Alsike clover</td>
</tr>
<tr>
<td>Vaccinium membranaceum</td>
<td>thin-leaved huckleberry</td>
</tr>
<tr>
<td>Viola purpurea var. venosa</td>
<td>purplish violet</td>
</tr>
<tr>
<td>Woodsia oregana ssp. oregana</td>
<td>western cliff fern</td>
</tr>
<tr>
<td>Zigadenus venenosus</td>
<td>death-camas</td>
</tr>
<tr>
<td>Zigadenus venenosus var. gramineus</td>
<td>death-camas</td>
</tr>
</tbody>
</table>
Tumwater Canyon on the south side of the Wenatchee River  
J. Arnett, C. Cordova, and T. Mccracken, 14 May 2008

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acer macrophyllum</td>
<td>bigleaf maple</td>
</tr>
<tr>
<td>Berberis aquifolium</td>
<td>tall Oregon grape</td>
</tr>
<tr>
<td>Botrychium multifidum</td>
<td>leathery grapefern</td>
</tr>
<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
</tr>
<tr>
<td>Castilleja hispida var. hispida</td>
<td>harsh paintbrush</td>
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<tr>
<td>Cerastium arvense</td>
<td>field chickweed</td>
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<tr>
<td>Cryptogramma cf. cascadensis: short petioles with old petioles, but dark purple, leaves barely reflexed</td>
<td>Cascade parsley fern</td>
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<tr>
<td>Dodecatheon pulchellum var. pulchellum</td>
<td>dark-throat shooting star</td>
</tr>
<tr>
<td>Erythranthe alsinoides (Mimulus alsinoides)</td>
<td>chickweed monkeyflower</td>
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<tr>
<td>Hemieva ranunculifolia (Suksdorfia ranunculifolia)</td>
<td>buttercup-leaved suksdorfia</td>
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<tr>
<td>Iliamna sp.</td>
<td>globemallow</td>
</tr>
<tr>
<td>Lomatium ambiguum</td>
<td>streambank desert parsley</td>
</tr>
<tr>
<td>Lupinus wyethii</td>
<td>Wyeth’s lupine</td>
</tr>
<tr>
<td>Micranthes lyallii (Saxifraga lyallii)</td>
<td>red-stemmed saxifrage</td>
</tr>
<tr>
<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
</tr>
<tr>
<td>Phacelia linearis</td>
<td>thread-leaf scorpion-weed</td>
</tr>
<tr>
<td>Prunus emarginata</td>
<td>bitter cherry</td>
</tr>
<tr>
<td>Salix scouleri ana</td>
<td>Scouler’s willow</td>
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<td>Senecio integerrimus var. ochroleucus</td>
<td>pale western groundsel</td>
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<tr>
<td>Acer macrophyllum</td>
<td>bigleaf maple</td>
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<tr>
<td>Abies amabilis</td>
<td>silver fir</td>
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<tr>
<td>Abies grandis</td>
<td>grand fir</td>
</tr>
<tr>
<td>Abies lasiocarpa</td>
<td>subalpine fir</td>
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<tr>
<td>Acer circinatum</td>
<td>vine maple</td>
</tr>
<tr>
<td>Acer glabrimum var. douglasii</td>
<td>Douglas fir</td>
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<tr>
<td>Achillea millefolium</td>
<td>common yarrow</td>
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<tr>
<td>Aconitum columbianum</td>
<td>Columbia monkshood</td>
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<tr>
<td>Actaea rubra</td>
<td>baneberry</td>
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<tr>
<td>Adenocaulon bicolor</td>
<td>pathfinder</td>
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<tr>
<td>Agoseris aurantica var. aurantica</td>
<td>orange agoseris</td>
</tr>
<tr>
<td>Agropyron: see Pseduroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
</tr>
<tr>
<td>Alnus rubra</td>
<td>red alder</td>
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<tr>
<td>Alnus viridis ssp. sinuata (Alnus sinuata)</td>
<td>Sitka alder</td>
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<tr>
<td>Amelanchier alnifolia</td>
<td>western serviceberry</td>
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<tr>
<td>Angelica arguta</td>
<td>sharp-tooth angelica</td>
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<tr>
<td>Antennaria racemosa</td>
<td>raceme pussy-toes</td>
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<tr>
<td>Apocynum androsaemifolium</td>
<td>dogbane</td>
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<tr>
<td>Aquilegia flavescens</td>
<td>yellow columbine</td>
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<td>Aquilegia formosa</td>
<td>columbine</td>
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<tr>
<td>Arabis sp.</td>
<td>rock cress</td>
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<td>Arctostaphylos nevadensis</td>
<td>pinemat manzanita</td>
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<tr>
<td>Arnica cordifolia</td>
<td>heart-leaf arnica</td>
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<tr>
<td>Arnica mollis</td>
<td>hairy arnica</td>
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<tr>
<td>Asarum caudatum</td>
<td>wild ginger</td>
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<tr>
<td>Athyrium filix-femina</td>
<td>lady fern</td>
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<tr>
<td>Balsamorhiza sagitatta</td>
<td>arrow-leaf balsamroot</td>
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<tr>
<td>Berberis aquifolium</td>
<td>tall Oregon grape</td>
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<tr>
<td>Berberis nervosa</td>
<td>Cascade Oregon-grape</td>
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<tr>
<td>Berberis repens</td>
<td>creeping Oregon-grape</td>
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<tr>
<td>Boechera pauciflora (Arabis sparsiflora)</td>
<td>rockcress</td>
</tr>
<tr>
<td>Cacaliopsis nardosmia (Luina nardosmia)</td>
<td>silvertop luina</td>
</tr>
<tr>
<td>Calamagrostis cf. tweedyi (lvs only)</td>
<td>Cascade reedgrass</td>
</tr>
<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
</tr>
<tr>
<td>Carex pachystachya</td>
<td>thick-headed sedge</td>
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<tr>
<td>Ceanothus sanguineus</td>
<td>redstem ceanothus</td>
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<tr>
<td>Ceanothus velutinus var. velutinus</td>
<td>snowbrush</td>
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<tr>
<td>Centaurea diffusa*</td>
<td>diffuse knapweed</td>
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<tr>
<td>Chaenactis angustifolium (Epilobium angustifolium)</td>
<td>fireweed</td>
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<tr>
<td>Chelíanthus gracillima</td>
<td>face lip-fern</td>
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<tr>
<td>Chimaphila umbellata</td>
<td>pipsissewa</td>
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<tr>
<td>Claytonia cordifolia</td>
<td>heartleaf springbeauty</td>
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<tr>
<td>Clematis occidentalis var. dissecta (Clematis columbiana var. dissecta)</td>
<td>Columbia clematis</td>
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<tr>
<td>Clintonia uniflora</td>
<td>queen's-cup</td>
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<tr>
<td>Collomia tenella</td>
<td>diffuse collomia</td>
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<tr>
<td>Cystopteris fragilis</td>
<td>fragile fern</td>
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<tr>
<td>Delphinium nuttallianum</td>
<td>upland larkspur</td>
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<tr>
<td>Dodecatheon dentatum</td>
<td>white shootngstar</td>
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<tr>
<td>Dryopteris felix-mas</td>
<td>male fern</td>
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<tr>
<td>Epilobium minutum</td>
<td>small-flowered willowherb</td>
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<tr>
<td>Eriogonum compositum</td>
<td>northern buckwheat</td>
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<tr>
<td>Eriogonum elatum</td>
<td>tall buckwheat</td>
</tr>
<tr>
<td>Scientific Name</td>
<td>Common Name</td>
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<tr>
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<td>-------------</td>
</tr>
<tr>
<td>Eriogonum thymoides</td>
<td>thyme-leaved buckwheat</td>
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<tr>
<td>Erysimum arenicola</td>
<td>sand-dwelling wallflower</td>
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<tr>
<td>Erythronium grandiflorum</td>
<td>glacier lily</td>
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<tr>
<td>Galium triflorum</td>
<td>fragrant bedstraw</td>
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<tr>
<td>Geum macrophyllum var. macrophyllum</td>
<td>large-leaved avens</td>
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<tr>
<td>Goodyera oblongifolia</td>
<td>western rattlesnake orchid</td>
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<tr>
<td>Heracleum maximum (Heracleum lanatum)</td>
<td>cow-parsnip</td>
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<tr>
<td>Heuchera cylindrica</td>
<td>alumroot</td>
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<tr>
<td>Holodiscus discolor</td>
<td>ocean spray</td>
</tr>
<tr>
<td>Hydrophyllum capitatum var. capitatum</td>
<td>ballhead waterleaf</td>
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<tr>
<td>Hydrophyllum fendleri var. albifrons</td>
<td>Fendler's waterleaf</td>
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<tr>
<td>Ipomopsis aggregata</td>
<td>firecracker</td>
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<tr>
<td>Lathyrus pauciflorus var. pauciflorus</td>
<td>few-flowered peavine</td>
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<tr>
<td>Lewisia tweedyi (Cistanthe tweedyi)</td>
<td>Tweedy's lewisia</td>
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<tr>
<td>Lilium columbianum</td>
<td>tiger lily</td>
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<td>Lomatium brandegei</td>
<td>Brandgee's lomatium</td>
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<tr>
<td>Lonicera ciliosa</td>
<td>trumpet honeysuckle</td>
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<tr>
<td>Lupinus lepidus var. lobbii</td>
<td>prairie lupine</td>
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<tr>
<td>Lupinus wyethii</td>
<td>Wyeth's lupine</td>
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<td>Luzula parviflora</td>
<td>small-flowered woodrush</td>
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<tr>
<td>Maianthemum racemosum (Smilacina racemosa)</td>
<td>western Solomon's-seal</td>
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<tr>
<td>Melica sp.</td>
<td>onion grass</td>
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<tr>
<td>Menziesia ferruginea</td>
<td>fool's-huckleberry</td>
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<tr>
<td>Mertensia paniculata var. borealis (var. paniculata has been collected south of Lake Easton)</td>
<td>tall lungwort</td>
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<tr>
<td>Microstis gracilis (Phlox gracilis)</td>
<td>pink microstis</td>
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<td>Mitella brevii</td>
<td>Brewer's mitrewort</td>
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<tr>
<td>Mitella pentandra</td>
<td>alpine mitrewort</td>
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<tr>
<td>Mitella trifida</td>
<td>three-toothed mitrewort</td>
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<tr>
<td>Moehringia macrophylla (Arenaria macrophylla)</td>
<td>big-leaf sandwort</td>
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<tr>
<td>Oplopanax horridum</td>
<td>devil's club</td>
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<tr>
<td>Orthilia secunda</td>
<td>one-sided pyrola</td>
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<tr>
<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
</tr>
<tr>
<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely bracted lousewort</td>
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<tr>
<td>Penstemon fruticosus var. fruticosus</td>
<td>shrubby penstemon</td>
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<tr>
<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
</tr>
<tr>
<td>Phlox speciosa (see subspecies)</td>
<td>showy phlox</td>
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<tr>
<td>Picea engelmannii</td>
<td>Engelmann spruce</td>
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<tr>
<td>Pinus contorta</td>
<td>lodgepole pine</td>
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<tr>
<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
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<tr>
<td>Platanthera dilatata</td>
<td>white rein orchid</td>
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<tr>
<td>Platanthera stricta</td>
<td>slender bog orchid</td>
</tr>
<tr>
<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
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<tr>
<td>Polemonium californicum (P. pulcherrimum var. calycinum)</td>
<td>low Jacob's-ladder</td>
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<tr>
<td>Polystichum munitum</td>
<td>sword fern</td>
</tr>
<tr>
<td>Populus balsamifera ssp. trichocarpa</td>
<td>black cottonwood</td>
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<tr>
<td>Populus tremuloides</td>
<td>quaking aspen</td>
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<tr>
<td>Prosartes hookeri (Bisporum hookeri)</td>
<td>Hooker's fairybells</td>
</tr>
<tr>
<td>Prunus emarginata</td>
<td>bitter cherry</td>
</tr>
<tr>
<td>Pteridium aquilinum</td>
<td>bracken</td>
</tr>
<tr>
<td>Pyrola chlorantha</td>
<td>green-flower wintergreen</td>
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<tr>
<td>Pyrola picta</td>
<td>white-vein wintergreen</td>
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<tr>
<td>Ranunculus acris</td>
<td>meadow buttercup</td>
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<tr>
<td>Rhamnus purshiana</td>
<td>cascara</td>
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<tr>
<td>Ribes cereum (see varieties)</td>
<td>wax currant</td>
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<tr>
<td>Ribes lacustre</td>
<td>prickly current</td>
</tr>
<tr>
<td>Ribes sanguineum var. sanguineum</td>
<td>red-flowering currant</td>
</tr>
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<td>Species Name</td>
<td>Common Name</td>
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</tr>
<tr>
<td>Ribes viscosissimum</td>
<td>sticky current</td>
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<td>Rosa gymnocarpa</td>
<td>baldhip rose</td>
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<tr>
<td>Rubus parviflorus</td>
<td>thimbleberry</td>
</tr>
<tr>
<td>Rumex acetosella *</td>
<td>sheep sorrel</td>
</tr>
<tr>
<td>Salix scouleriana</td>
<td>Scouler's willow</td>
</tr>
<tr>
<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
<td>blue elderberry</td>
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<tr>
<td>Sedum divergens</td>
<td>spreading stonecrop</td>
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<td>Sedum lanceolatum var. lanceolatum</td>
<td>lanceleaved stonecrop</td>
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<tr>
<td>Senecio integerrimus var. exaltatus</td>
<td>western groundsel</td>
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<td>Senecio triangularis</td>
<td>arrowleaf groundsel</td>
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<tr>
<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
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<tr>
<td>Stachys coolyae</td>
<td>Cooly's hedge-nettle</td>
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<tr>
<td>Streptopus amplexifolius</td>
<td>claspleaf twisted-stalk</td>
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<tr>
<td>Streptopus lanceolatus (S. roseus)</td>
<td>rosy twisted-stalk</td>
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<tr>
<td>Symphoricarpos albus</td>
<td>common snowberry</td>
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<tr>
<td>Taraxacum officinale*</td>
<td>common dandelion</td>
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<tr>
<td>Thalictrum occidentale</td>
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<tr>
<td>Thlaspi montanum var. montanum</td>
<td>wild candytuft</td>
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<tr>
<td>Trientalis latifolia (T. borealis)</td>
<td>western starflower</td>
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<tr>
<td>Trifolium hybridum*</td>
<td>Alsike clover</td>
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<td>Trifolium repens*</td>
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<tr>
<td>Trillium ovatum</td>
<td>western trillium</td>
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<td>Urtica dioica</td>
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<tr>
<td>Vaccinium membranaceum</td>
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<td>Vaccinium scoparium</td>
<td>grouseberry</td>
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<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
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<tr>
<td>Viola glabella</td>
<td>pioneer violet</td>
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Big Jim/Lake Augusta area  
J. Arnett 8-10August2007, Julia Bent 20-23August2010

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<tbody>
<tr>
<td>Achillea millefolium</td>
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<td>Agrostis, strongly spreading irrl</td>
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<td>Anemone drummondii</td>
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<td>Antennaria lanata</td>
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<td>Aquilegia flavescens</td>
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<td>Arabis lyalli</td>
<td>Lyall's rockcress</td>
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<td>Caltha leptosepala</td>
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<td>Carex spectabilis</td>
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<td>Castilleja miniata</td>
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<td>Castilleja parviflora var. alibida</td>
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<td>Castilleja parviflora var. oreopola</td>
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<td>Cerastium arvense</td>
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<td>Cistanthe umbellata (Spraguea umbellata)</td>
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<td>Dasiphora fruticosa (Potentilla fruticosa)</td>
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<td>Douglassia nivalis</td>
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<td>Dryas octopetala</td>
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<td>Ericameria greenei (Haplopappus greenei)</td>
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<td>Erigeron glacialis var. glacialis (E. peregrinus)</td>
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<td>Erigeron salishii</td>
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<td>Eriogonum niveum</td>
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<td>Eriogonum ovalifolium var. niveale</td>
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<td>Juncus mertensianus</td>
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<td>Larix lyalli</td>
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<td>Ligusticum sp.</td>
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<td>Luetkea pectinata</td>
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<td>Pedicularis groenlandica</td>
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<td>Common Name</td>
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<td>Phacelia sericea</td>
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<td>Phlox diffusa (see varieties and subspecies)</td>
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<td>Phylloco mespiliformis</td>
<td>pink heather</td>
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<td>Phylloco glanduliflora</td>
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<td>Platanthera cf. stricta (yellowish, leafy stem)</td>
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<td>Potentilla diversifolia var. diversifolia</td>
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<td>Salix cf. commutata broad lvs soft pub both surfaces</td>
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<td>Salix cf. pseudomonticola keyed fairly easily but need to confirm</td>
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<td>Veronica cusickii</td>
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<td>Veronica wormskjoldii</td>
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<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
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<td>Cirsium edule var. wenatchense</td>
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<td>Elymus glaucus</td>
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<td>Epilobium clavatum (E. alpinum)</td>
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<td>Equisetum arvense</td>
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<td>Erythranthe lewisii (Mimulus lewisii)</td>
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<td>Common Name</td>
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<td><strong>Juncus mertensianus</strong></td>
<td>Mertens' rush</td>
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<td><strong>Lilium columbianum</strong></td>
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<td>Branderge's lomatium</td>
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<td><strong>Pinus ponderosa</strong></td>
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<td><strong>Populus tremuloides</strong></td>
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<td><strong>Pseudognaphalium canescens</strong> (Gnaphalium canescens)</td>
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<td><strong>Ribes viscosissimum</strong></td>
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<td><strong>Rosa gymnocarpa</strong></td>
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<td><strong>Rubus lasiococcus</strong></td>
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<td><strong>Rubus leucodermis</strong></td>
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<td><strong>Rubus parviflorus</strong></td>
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<td>Common Name</td>
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<tr>
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<tr>
<td>Symphyotrichum spathulatum var. spathulatum</td>
<td>Western mountain aster</td>
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<tr>
<td>Taraxacum officinale*</td>
<td>common dandelion</td>
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<tr>
<td>Thalictrum occidentale</td>
<td>western meadow-rue</td>
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<tr>
<td>Thinopyrum intermedium (Agropyron intermedium)</td>
<td>intermediate wheatgrass</td>
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<tr>
<td>Tiarella trifoliata (check vars.)</td>
<td>foamflower</td>
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<tr>
<td>Trifolium pratense*</td>
<td>red clover</td>
</tr>
<tr>
<td>Trillium ovatum</td>
<td>western trillium</td>
</tr>
<tr>
<td>Vaccinium membranaceum</td>
<td>thin-leaved huckleberry</td>
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<tr>
<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
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<tr>
<td>Veronica serpyllifolia</td>
<td>thyme-leaved speedwell</td>
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<tr>
<td>Viola glabella</td>
<td>pioneer violet</td>
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<tr>
<td>Viola orbiculata</td>
<td>round-leaved violet</td>
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</table>
### Cape Horn area, Icicle Ridge. J. Arnett 31 July 2008

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<tbody>
<tr>
<td>Abies lasiocarpa</td>
<td>subalpine fir</td>
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<tr>
<td>Achillea millefolium</td>
<td>common yarrow</td>
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<tr>
<td>Agoseris aurantiaca var. aurantiaca</td>
<td>orange agoseris</td>
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<tr>
<td>Agoseris glauca</td>
<td>pale agoseris</td>
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<tr>
<td>Anemone drumondii</td>
<td>Drummond's wind flower</td>
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<tr>
<td>Anemone occidentalis</td>
<td>western anemone</td>
</tr>
<tr>
<td>Antennaria cf. umbrinella</td>
<td>umbre pussytoes</td>
</tr>
<tr>
<td>Antennaria lanata</td>
<td>wooly pussytoes</td>
</tr>
<tr>
<td>Antennaria microphylla</td>
<td>rosy pussy-toes</td>
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<tr>
<td>Arabis lyallii</td>
<td>Lyall's rockcress</td>
</tr>
<tr>
<td>Arabis: winged biseriate seeds clasping lvs, glaucus</td>
<td>rockcress</td>
</tr>
<tr>
<td>Arctostaphylos nevadensis</td>
<td>pinemat manzanita</td>
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<td>Arnica latifolia</td>
<td>broadleaf arnica</td>
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<td>Arnica mollis</td>
<td>hairy arnica</td>
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<td>Artemisia michauxiana</td>
<td>Michaux's mugwort</td>
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<td>Campanula parryi var. idahoensis</td>
<td>Parry's harebell</td>
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<tr>
<td>Campanula rotundifolia</td>
<td>bluebell of Scotland</td>
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<tr>
<td>Carex cf. nardina</td>
<td>spikenard sedge</td>
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<tr>
<td>Carex hoodii</td>
<td>Hood's sedge</td>
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<tr>
<td>Carex nigricans</td>
<td>black alpine sedge</td>
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<tr>
<td>Carex spectabilis</td>
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<tr>
<td>Cassiope mertensiana ssp. mertensiana</td>
<td>white heather</td>
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<tr>
<td>Castilleja miniata</td>
<td>scarlet Indian-paintbrush</td>
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<tr>
<td>Castilleja parviflora var. alibida</td>
<td>mountain paintbrush</td>
</tr>
<tr>
<td>Chamaecyparis nootkatensis</td>
<td>Alaska yellowcedar</td>
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<tr>
<td>Chamerion latifolium (Epilobium latifolium)</td>
<td>red willowherb</td>
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<tr>
<td>Cirrhochorus edule var. wenatchense</td>
<td>Wenatchee thistle</td>
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<td>Cryptogramma sp.</td>
<td>parsley fern</td>
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<td>Cystopteris fragilis</td>
<td>fragile fern</td>
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<td>Dasiphora fruticosa (Potentilla fruticosa)</td>
<td>shrubby cinquefoil</td>
</tr>
<tr>
<td>Dodecatheon pulchellum var. pulchellum</td>
<td>dark-throat shooting star</td>
</tr>
<tr>
<td>Dodecatheon: lillac, almost blue</td>
<td>shooting star</td>
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<tr>
<td>Draba, perennial alpine</td>
<td>alpine whitlowgrass</td>
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<tr>
<td>Elymus elymous (Sitanion hysterix)</td>
<td>squirrelltail</td>
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<tr>
<td>Epilobium clavatum (E. alpinum)</td>
<td>talus willowherb</td>
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<td>Eremogone capillaris var. americana (Arenaria capillaris var. americana)</td>
<td>fescue sandwort</td>
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<tr>
<td>Erigeron aureus</td>
<td>golden fleabane</td>
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<td>Erigeron compositus var. glabratus</td>
<td>dwarf mountain fleabane</td>
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<tr>
<td>Erigoneum ovalifolium var. nivale</td>
<td>Sierra cushion buckwheat</td>
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<td>Eriogonum pyrolifolium (see vars.)</td>
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<tr>
<td>Eriogonum umbellatum var. haussknechtii</td>
<td>sulfur flower</td>
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<td>Eriogonum umbellatum var. majus (Eriogonum umbellatum var. subalpinum)</td>
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<tr>
<td>Eriophyllum lanatum</td>
<td>woolly sunflower</td>
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<td>Erysimum arenicola</td>
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<tr>
<td>Erythranthe breweri (Mimulus breweri)</td>
<td>Brewer's monkeyflower</td>
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<td>Erythronium grandiflorum</td>
<td>glacier lily</td>
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<tr>
<td>Festuca ovina</td>
<td>sheep fescue</td>
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<tr>
<td>Festuca: short awns, narrow leaves</td>
<td>fescue</td>
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<tr>
<td>Galium bifolium</td>
<td>twin-leaf bedstraw</td>
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<td>Gentiana calyca</td>
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<td>Hemieva ranunculifolia (Suksdorfia ranunculifolia)</td>
<td>buttercup-leaved suksdorfia</td>
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<td>Heuchera cylindrica</td>
<td>alumroot</td>
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<tr>
<td>Hieracium scouleri (Hieracium albertinum)</td>
<td>Scouler's hawkweed</td>
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<tr>
<td>Scientific Name</td>
<td>Common Name</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>Hieracium triste (H. gracile)</td>
<td>slender hawksweed</td>
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<tr>
<td>Juniperus communis</td>
<td>Parry's rush</td>
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<tr>
<td>Koeleria macrantha (K. cristata)</td>
<td>prairie Koeler's grass</td>
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<tr>
<td>Larix lyallii</td>
<td>subalpine larch</td>
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<td>Leptarrhena pyrolophila</td>
<td>leatherleaf saxifrage</td>
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<tr>
<td>Lewisia columbiana</td>
<td>Columbia lewisia</td>
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<tr>
<td>Lewisia pygmaea</td>
<td>dwarf lewisia</td>
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<tr>
<td>Ligusticum grayi</td>
<td>Gray's lovage</td>
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<tr>
<td>Lomata: like L. brandegei, but more compact, with more narrow leaflets. A Bundant</td>
<td>lomatium</td>
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<tr>
<td>Lonicera involucrata</td>
<td>black twinberry</td>
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<td>Luettea pectinata</td>
<td>partridgefoot</td>
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<td>Luina hypoleuca</td>
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<td>Lupinus polyphyllus (see varieties)</td>
<td>largeleafed lupine</td>
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<td>Luzula hitchcocki</td>
<td>smooth woodrush</td>
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<tr>
<td>Luzula spicata</td>
<td>spiked woodrush</td>
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<td>Micranthes ondontoloma (Saxifraga arguta, punctata)</td>
<td>brook saxifrage</td>
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<tr>
<td>Micranthes tolmiei (Saxifraga tolmiei)</td>
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<td>Minuartia obtusiloba</td>
<td>alpine sandwort</td>
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<td>Montia parvifolia</td>
<td>streambank springbeauty</td>
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<td>Oxyria digyna</td>
<td>mountain sorrel</td>
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<td>Parnassia limbiata</td>
<td>fringed grass-of-Parnassus</td>
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<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely</td>
<td>bracted lousewort</td>
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<td>Pedicularis contorta var. contorta</td>
<td>white coiled beak lousewort</td>
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<td>Pedicularis groenlandica</td>
<td>elephant-head lousewort</td>
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<td>Pedicularis ornithoryncha</td>
<td>bird-beak lousewort</td>
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<td>Pedicularis parryi var. purpurea</td>
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<td>Penstemon davidsonii (see varieties)</td>
<td>Davidson's penstemon</td>
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<td>Penstemon procerus var. procerus</td>
<td>small-flowered penstemon</td>
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<tr>
<td>Penstemon procerus var. tolmiei</td>
<td>small-flowered penstemon</td>
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<td>Phacelia hastata</td>
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<td>Phacelia sericea</td>
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<tr>
<td>Phileum alpinum</td>
<td>alpine timothy</td>
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<td>Phlox diffusa (see varieties and subspecies)</td>
<td>spreading phlox</td>
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<td>Phlox hendersonii</td>
<td>Henderson's phlox</td>
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<td>Phyllodoce empetriformis</td>
<td>pink heather</td>
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<tr>
<td>Phyllodoce glanduliflora</td>
<td>yellow mountain heather</td>
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<td>Picea engelmann</td>
<td>Engelmann spruce</td>
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<td>Pinus albicaulis</td>
<td>whitebark pine</td>
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<tr>
<td>Platanthea stricta</td>
<td>slender bog orchid</td>
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<tr>
<td>Poa alpina ssp. alpina</td>
<td>alpine bluegrass</td>
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<tr>
<td>Polemonium elegans</td>
<td>elegant Jacob's-ladder</td>
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<tr>
<td>Polemonium pulcherrimum</td>
<td>showy Jacob's-ladder</td>
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<tr>
<td>Polystichum: dwarf, alpine</td>
<td>swordfern</td>
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<td>Potentilla diversifolia var. diversifolia</td>
<td>diverse-leaved cinquefoil</td>
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<td>Potentilla frabellifolia</td>
<td>fan-leaf cinquefoil</td>
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<td>Potentilla gray digitate lvs</td>
<td>cinquefoil</td>
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<tr>
<td>Ranunculus eschscholtzii (see vars.)</td>
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<tr>
<td>Rhodiola integrifolia ssp. integrifolia (Sedum roseum)</td>
<td>rosroot, king's crown</td>
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<td>Rhododendron alpiflorum</td>
<td>white rhododendron</td>
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<tr>
<td>Rhododendron colombianum (Leduc glandulosum)</td>
<td>western Labrador-tea</td>
</tr>
<tr>
<td>Salix cf. commutata: pls up to 1 ft., 2 scales per dark scale, lvs long pub. 14x25 mm long soft hairs both sides buds cylindric away from stem</td>
<td>undergreen willow</td>
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<tr>
<td>Salix cf. pseudomonticola keyed fairly easily but need to confirm</td>
<td>false mountain willow</td>
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<tr>
<td>Salix nivalis</td>
<td>dwarf snow willow</td>
</tr>
<tr>
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<td>Common Name</td>
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</tr>
<tr>
<td>Salix</td>
<td>willow</td>
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<td>Saxifraga bronchialis ssp. austromontana</td>
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<td>Saxifraga cespitosa</td>
<td>tufted saxifrage</td>
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<td>Saxifraga mertensiana</td>
<td>Merten's saxifrage</td>
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<td>Saxifraga oppositifolia ssp. oppositifolia</td>
<td>purple mountain saxifrage</td>
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<td>Sedum rupicola</td>
<td>stonecrop</td>
</tr>
<tr>
<td>Sedum: petals distinct, most like divergens but fruit not divergent</td>
<td>stonecrop</td>
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<td>Selaginella wallacei</td>
<td>Wallaces selaginalia</td>
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<tr>
<td>Senecio elmeri</td>
<td>Elmer's ragwort</td>
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<td>Senecio integerrimus var. exaltatus</td>
<td>western groundsel</td>
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<td>Stenanthium occidentale</td>
<td>mission bells</td>
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<td>Stellaria: small, fleshy</td>
<td>sandwort</td>
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<td>Trautvetteria carolinensis</td>
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<tr>
<td>Vaccinium cf. myrtillus</td>
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<td>Vaccinium deliciosum</td>
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<tr>
<td>Veronica cusickii</td>
<td>Cusick's speedwell</td>
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<tr>
<td>Veronica wormsckjoldii</td>
<td>Wormskiold's speedwell</td>
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<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
<td>common name</td>
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<td>Abies lasiocarpa</td>
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<td>Columbian monkshood</td>
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<td>Alnus viridis ssp. sinuata (Alnus sinuata)</td>
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<td>Anaphalis margaritacea</td>
<td>pearly everlasting</td>
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<td>Angelica geniculata</td>
<td>kneeing angelica</td>
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<td>heart-leaf arnica</td>
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<td>Arnica parryi</td>
<td>nodding arnica</td>
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<td>Athyrium filix-femina</td>
<td>lady fern</td>
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<td>Carex hoodii</td>
<td>Hood’s sedge</td>
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<td>Carex spectabilis</td>
<td>showy sedge</td>
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<tr>
<td>Castilleja miniata</td>
<td>scarlet Indian-paintbrush</td>
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<td>Chamomile angustifolium (Epilobium angustifolium)</td>
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<td>Cirsium edule var. wenatchense</td>
<td>Wenatchee thistle</td>
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<td>Cistanthe umbellata (Spraguea umbellata)</td>
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<td>Eremogone capillaris var. americana (Arenaria capillaris var. americana)</td>
<td>rescue sandwort</td>
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<td>Erigeron glacialis var. glacialis (E. peregrinus)</td>
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<td>Eriogonum umbellatum var. majus (Eriogonum umbellatum var. subalpinum)</td>
<td>subalpine sulfurflower</td>
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<td>Eutephalus ledophyllum var. ledophyllum (Aster ledophyllum)</td>
<td>Cascade aster</td>
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<tr>
<td>Festuca viridula</td>
<td>green fescue</td>
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<td>Heracleum maximum (Heracleum lanatum)</td>
<td>cow-parsnip</td>
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<tr>
<td>Hieracium albilorum</td>
<td>white-flowered hawkweed</td>
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<tr>
<td>Hieracium scouleri (Hieracium albertinum)</td>
<td>Scouler’s hawkweed</td>
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<td>Hieracium triste (H. gracile)</td>
<td>slender hawksweed</td>
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<td>Hydrophyllum fendleri var. albilirons</td>
<td>Fendler’s waterleaf</td>
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<td>Juncus parryi</td>
<td>Parry’s rush</td>
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<td>Lewisia columbiana</td>
<td>Columbia lewisia</td>
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<td>Lomatium brandegei</td>
<td>Brandegees lomatium</td>
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<tr>
<td>Luetkea pectinata</td>
<td>partridgefoot</td>
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<tr>
<td>Lupinus cf. sericeus var. fikeranus, keys to L. wyethei</td>
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<tr>
<td>Lupinus latifolius var. latifolius</td>
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<tr>
<td>Lupinus polyphyllus (see varieties)</td>
<td>largeleaved lupine</td>
</tr>
<tr>
<td>Luzula hitchcockii</td>
<td>smooth woodrush</td>
</tr>
<tr>
<td>Mertensia paniculata var. borealis (var. paniculata has been collected south of Lake Easton)</td>
<td>tall lungwort</td>
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<tr>
<td>Orthilia secunda</td>
<td>one-sided pyrola</td>
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<tr>
<td>Osmorhiza occidentalis</td>
<td>western sweet cicely</td>
</tr>
<tr>
<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
</tr>
<tr>
<td>Pedicularis bracteosa, vars. latifolius and bracteosa most likely</td>
<td>bracted lousewort</td>
</tr>
<tr>
<td>Pedicularis contorta var. contorta</td>
<td>white coiled beak lousewort</td>
</tr>
<tr>
<td>Pedicularis racemosa</td>
<td>sickletop lousewort</td>
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<tr>
<td>Penstemon cf. subserratus</td>
<td>fine-tooth beardtongue</td>
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<td>Penstemon frutescens var. frutescens</td>
<td>shrubby penstemon</td>
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<tr>
<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
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<tr>
<td>Phlox diffusa (see varieties and subspecies)</td>
<td>spreading phlox</td>
</tr>
<tr>
<td>Picea engelmann</td>
<td>Engelmann spruce</td>
</tr>
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<td>Scientific Name</td>
<td>Common Name</td>
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<tr>
<td>----------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Pinus albicaulis</td>
<td>whitebark pine</td>
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<tr>
<td>Platanthera stricta</td>
<td>slender bog orchid</td>
</tr>
<tr>
<td>Polemonium pulcherrimum</td>
<td>showy Jacob's-ladder</td>
</tr>
<tr>
<td>Ribes cf. bracteosum</td>
<td>stink currant</td>
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<tr>
<td>Rubus lasiococcus</td>
<td>dwarf bramble</td>
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<tr>
<td>Ribes parviflorus</td>
<td>thimbleberry</td>
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<tr>
<td>Sedum spathulifolium var. spathulfolium</td>
<td>broadleaf stonecrop</td>
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<tr>
<td>Senecio triangularis</td>
<td>arrowleaf groundsel</td>
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<tr>
<td>Sorbus sitchensis</td>
<td>Sitka mountain-ash</td>
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<tr>
<td>Symphyotrichum foliaceum (Aster foliaceus)</td>
<td>leafy aster</td>
</tr>
<tr>
<td>Tiarella trifoliata (check vars.)</td>
<td>foamflower</td>
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<tr>
<td>Tsuga mertensiana</td>
<td>mountain hemlock</td>
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<tr>
<td>Vaccinium membranaceum</td>
<td>thin-leaved huckleberry</td>
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<tr>
<td>Vaccinium scoparium</td>
<td>grouseberry</td>
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<tr>
<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
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<tr>
<td>Veratrum viride</td>
<td>corn-lily</td>
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### Species

Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)

<table>
<thead>
<tr>
<th>Species</th>
<th>Common Name</th>
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<tbody>
<tr>
<td>Abies amabilis</td>
<td>silver fir</td>
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<tr>
<td>Abies lasiocarpa</td>
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<tr>
<td>Agoseris aurantiaca var. aurantiaca</td>
<td>orange agoseris</td>
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<tr>
<td>Agrostis sp.</td>
<td>bentgrass</td>
</tr>
<tr>
<td>Alnus viridus ssp. sinuata (Alnus sinuata)</td>
<td>Sitka alder</td>
</tr>
<tr>
<td>Anemone occidentalis</td>
<td>western anemone</td>
</tr>
<tr>
<td>Antennaria lanata</td>
<td>woolly pussytoes</td>
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<tr>
<td>Antennaria rosea</td>
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<tr>
<td>Antennaria umbrinella</td>
<td>umber pussytoes</td>
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<td>Arabis lyallii</td>
<td>Lyall’s rockcress</td>
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<td>Artemisia ludoviciana</td>
<td>western mugwort</td>
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<tr>
<td>Calamagrostis cf. canadensis</td>
<td>reedgrass</td>
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<tr>
<td>Campanula rotundifolia</td>
<td>bluebell of Scotland</td>
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<tr>
<td>Carex aquatilis (see varieties)</td>
<td>water sedge</td>
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<tr>
<td>Carex cf. brunnescens</td>
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<tr>
<td>Carex mertensii</td>
<td>Mertens’s sedge</td>
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<td>Carex nigricans</td>
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<td>Carex pachystachya</td>
<td>thick-headed sedge</td>
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<td>Carex rossii</td>
<td>Ross’ sedge</td>
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<td>Carex spectabilis</td>
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<td>Carex vesicaria</td>
<td>oxbow sedge</td>
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<td>Cassiope mertensiana ssp. mertensiana</td>
<td>white heather</td>
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<tr>
<td>Castilleja elmeri</td>
<td>Wenatchee mountains Indian-paintbrush</td>
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<tr>
<td>Castilleja parviflora var. albida</td>
<td>mountain paintbrush</td>
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<tr>
<td>Cheilanthes gracillima</td>
<td>lace lip-fern</td>
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<td>Cirsiurn edule var. wenatchense</td>
<td>Wenatchee thistle</td>
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<tr>
<td>Claytonia cordifolia</td>
<td>heartleaf springbeauty</td>
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<tr>
<td>Claytonia lanceolata</td>
<td>spring beauty</td>
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<tr>
<td>Claytonia lanceolata-yellow flowered form</td>
<td>spring beauty</td>
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<tr>
<td>Cryptogramma acrosticoides</td>
<td>American parsley fern</td>
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<td>Douglasia nivalis</td>
<td>snow Douglasia</td>
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<td>Epilobium clavatum (E. alpinum)</td>
<td>talus willowherb</td>
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<td>Eriogonum aureus</td>
<td>golden fleabane</td>
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<td>Eriogonum glaciolorus var. glaciolorus (E. peregrinus)</td>
<td>wandering daisy</td>
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<tr>
<td>Eriogonum pyroliifolium (see vars.)</td>
<td>alpine buckwheat</td>
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<tr>
<td>Eriophorum chamissonis</td>
<td>cottongrass</td>
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<td>Eriophyllum lanatum</td>
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<td>Erysimum sp.</td>
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<td>Erythranthe lewisii (Mimus lewisii)</td>
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<td>Erythronium grandiflorum</td>
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<td>Festuca viridula</td>
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<td>Gentiana calycosa</td>
<td>mountain bog gentian</td>
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<td>Heuchera cylindrica</td>
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<td>Hieracium triste (H. gracile)</td>
<td>slender hawksweed</td>
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<tr>
<td>Hypericum anagalioides</td>
<td>creeping St. John’s-wort</td>
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<td>Hypopitys monotropa</td>
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<td>Juncus sp.</td>
<td>rush</td>
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<td>Juniperus communis</td>
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<td>Leptarrhena pyroliifolia</td>
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<td>Ligusticum canbyi</td>
<td>Canby’s wild lovage</td>
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<td>Lomatium brandegei</td>
<td>Brandegee’s lomatium</td>
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<td>black twinberry</td>
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<td>Latin Name</td>
<td>Common Name</td>
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<tr>
<td>Luina hypoleuca</td>
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<td>Lupinus latifolius var. latifolius</td>
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<tr>
<td>Lupinus lepidus var. lobbi</td>
<td>prairie lupine</td>
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<tr>
<td>Lupinus polyphyllus (see varieties)</td>
<td>largeleaved lupine</td>
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<tr>
<td>Mertensia paniculata var. borealis (var. paniculata has been collected south of Lake Easton)</td>
<td>tall lungwort</td>
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<td>Micranthes oendontoloma (Saxifraga arguta, punctata)</td>
<td>brook saxifrage</td>
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<td>Micranthes tolmei (Saxifraga tolmei)</td>
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<td>Mitella pentandra</td>
<td>alpine mitrewort</td>
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<td>Montia parvifolia</td>
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<td>Oxyria digyna</td>
<td>mountain sorrel</td>
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<td>Packera streptanthifolia (Senecio streptanthifolius)</td>
<td>Rocky Mountain groundsel</td>
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<td>Pedicularis contorta var. contorta</td>
<td>white coiled beak lousewort</td>
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<td>Pedicularis groenlandica</td>
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<td>Phyllocladus empetriformis</td>
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<td>Phyllocladus glanduliflora</td>
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<td>Poa cusickii (see subspecies)</td>
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<td>Potentilla flabellifolia</td>
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<td>Ranunculus eschscholtzii (see vars.)</td>
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<td>Salix sp.</td>
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<td>Saxifraga bronchialis ssp. austromontana</td>
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<td>Senecio integerrimus var. exaltatus</td>
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<td>Silene parryi</td>
<td>Parry's catchfly</td>
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<td>Smelowskia calycina var. americana</td>
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<td>Sorbus sitchensis</td>
<td>Sitka mountain-ash</td>
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<td>Spiraea densiflora var. densiflora</td>
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<td>Thalictrum occidentale</td>
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<td>Trautvetteria carolinensis</td>
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<td>Triantha occidentalis ssp. brevistyla (Tolfieldia glutinosa)</td>
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<td>Trifolium repens*</td>
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<td>Vaccinium membranaceum</td>
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<td>Vahlodea atropurpurea (Deschampsia atropurpurea)</td>
<td>arctic hairgrass</td>
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<td>Valeriana sitchensis</td>
<td>Sitka valerian</td>
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<tr>
<td>Veronica americana</td>
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<td>Veronica cusickii</td>
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<tr>
<td>Veronica sp.</td>
<td>speedwell</td>
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<tr>
<td>Veronica wormskjoldii</td>
<td>Wormskjold's speedwell</td>
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<tr>
<td>Viola glabella</td>
<td>pioneer violet</td>
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</table>
## Lower Icicle Ridge (up to 3,100 ft.)
**Don Schaechtel, as of 3 July 2012**

<table>
<thead>
<tr>
<th>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</th>
<th>common name</th>
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<tbody>
<tr>
<td>Acer macrophyllum</td>
<td>bigleaf maple</td>
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<tr>
<td>Abies grandis</td>
<td>grand fir</td>
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<td>Acer glabrum var. douglasii</td>
<td>Douglas maple</td>
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<td>Achillea millefolium</td>
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<td>Achimatherium lemmonei ssp. lemmonei (Stipa lemmonei)</td>
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<td>Adenocaulon bicolor</td>
<td>pathfinder</td>
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<td>Agoseris heterophylla</td>
<td>annual agoseris</td>
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<td>Agoseris retrorsa</td>
<td>spear leaved agoseris</td>
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<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
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<td>Allium acuminatum</td>
<td>taper tip onion</td>
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<td>Amelanchier alnifolia</td>
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<td>Anaphalis margaritacea</td>
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<td>Anemone oregana</td>
<td>Oregon anemone</td>
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<td>Angelica arguta</td>
<td>sharp-tooth angelica</td>
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<td>Antennaria racemosa</td>
<td>raceme pussy-toes</td>
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<td>Apocynum androsaemifolium</td>
<td>dogbane</td>
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<td>Arceuthobium campylopodum</td>
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<td>Arctostaphylos nevadensis</td>
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<td>Arnica cordifolia</td>
<td>heart-leaf arnica</td>
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<td>Aspidotis densa</td>
<td>Indian's dream</td>
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<td>Balsamorhiza sagittata</td>
<td>arrow-leaf balsamroot</td>
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<tr>
<td>Berberis aquifolium</td>
<td>tall Oregon grape</td>
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<tr>
<td>Boechera (Arabis holboelli, in part, misapplied)</td>
<td>rockcress</td>
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<tr>
<td>Boechera pauciflora (Arabis sparsiflora)</td>
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<td>Bromus tectorum</td>
<td>cheatgrass</td>
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<td>Bromus vulgaris</td>
<td>Columbia brome</td>
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<td>Cacaliopsis nardosmia (Luina nardosmia)</td>
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<td>Calochortus lyallii</td>
<td>Lyall's mariposa lily</td>
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<td>Calyos bulbosa</td>
<td>fairy slipper orchid</td>
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<td>Carex geyeri</td>
<td>elk sedge</td>
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<td>Castilleja hispida var. hispida</td>
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<tr>
<td>Castilleja miniata</td>
<td>scarlet Indian-paintbrush</td>
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<td>redstem ceanothus</td>
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<td>Ceanothus velutinus var. velutinus</td>
<td>snowbrush</td>
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<td>Cerastium arvense</td>
<td>field chickweed</td>
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<td>Chaenactis douglasia</td>
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<td>Chamerion angustifolium (Epilobium angustifolium)</td>
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<td>Claytonia lanceolata</td>
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<td>Claytonia rubra</td>
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<td>Collinsia parviflora</td>
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<td>Collomia grandiflora</td>
<td>large-flowered collomia</td>
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<td>Comandra umbellata</td>
<td>bastard toadflax</td>
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<td>Corallorrhiza maculata</td>
<td>spotted coralroot</td>
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<tr>
<td>Cornus sericea ssp. occidentalis (C. stolonifera)</td>
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<td>Crepis atrabaria</td>
<td>slender hawksbeard</td>
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<td>Cryptantha torreyana</td>
<td>Torrey's cryptantha</td>
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<td>Cystopteris fragilis</td>
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<td>Delphinium nuttallianum</td>
<td>upland larkspur</td>
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<td>Draba verna</td>
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<tr>
<td>Drymocallis glandulosa var. glandulosa (Potentilla glandulosa)</td>
<td>sticky cinquefoil</td>
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<tr>
<td>Scientific Name</td>
<td>Common Name</td>
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<tr>
<td><strong>Erigeron filifolius</strong></td>
<td>threadleaf fleabane</td>
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<tr>
<td><strong>Eriogonum compositum</strong></td>
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<td><strong>Eriogonum elatum</strong></td>
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<td><strong>Eriogonum heracleoides</strong></td>
<td>parsnip-flowered buckwheat</td>
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<td><strong>Erysimum arenicola</strong></td>
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<td><strong>Festuca idahoensis</strong></td>
<td>Idaho fescue</td>
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<td><strong>Fragaria vesca spp. bracteata</strong></td>
<td>woodland strawberry</td>
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<td><strong>Fritillaria lanceolata</strong></td>
<td>chocolate lily</td>
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<td><strong>Fritillaria pudica</strong></td>
<td>yellowbells</td>
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<td><strong>Galium oreganum (G. kamtschaticum)</strong></td>
<td>Oregon bedstraw</td>
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<td><strong>Gayophytum diffusum</strong></td>
<td>groundsmoke</td>
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<td><strong>Geranium cf. richardsonii</strong></td>
<td>white geranium</td>
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<tr>
<td><strong>Geranium richardsonii</strong></td>
<td>white geranium</td>
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<td><strong>Goodyera oblongifolia</strong></td>
<td>western rattlesnake orchid</td>
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<td><strong>Hackelia diffusa var. arida</strong></td>
<td>steppe stickseed</td>
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<td><strong>Helianthus annuus var. douglasii</strong></td>
<td>little sunflower</td>
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<td><strong>Hemizonella minima (Madia minima)</strong></td>
<td>small-head tarweed</td>
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<td><strong>Heuchera cylindrica</strong></td>
<td>alumroot</td>
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<td><strong>Hieracium albidiflorum</strong></td>
<td>white-flowered hawkweed</td>
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<td><strong>Holodiscus discolor</strong></td>
<td>ocean spray</td>
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<td><strong>Hydrophyllum capitatum var. capitatum</strong></td>
<td>ballhead waterleaf</td>
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<td><strong>Koeleria macrantha (K. cristata)</strong></td>
<td>prairie Koeler's grass</td>
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<td><strong>Lathyris pauciflorus var. pauciflorus</strong></td>
<td>few-flowered peavine</td>
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<td><strong>Lesisia rediviva</strong></td>
<td>bitterroot</td>
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<td><strong>Lesisia tweedyi (Cistanthe tweedyi)</strong></td>
<td>Tweedy's lewisia</td>
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<td>Dalmatian toadflax</td>
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<td><strong>Lithospermum ruderale</strong></td>
<td>Columbia puccoon</td>
</tr>
<tr>
<td><strong>Lomatum ambiguum</strong></td>
<td>streambank desert parsley</td>
</tr>
<tr>
<td><strong>Lomatum dissectum</strong></td>
<td>fern-leaved desert parsley</td>
</tr>
<tr>
<td><strong>Lomatum geyeri</strong></td>
<td>Geyer's desert parsley</td>
</tr>
<tr>
<td><strong>Lomatum nudicaule</strong></td>
<td>bare-stem desert parsley</td>
</tr>
<tr>
<td><strong>Lonicer a ciliosa</strong></td>
<td>trumpet honeysuckle</td>
</tr>
<tr>
<td><strong>Lupinus latifolius var. latifolius</strong></td>
<td>broadleaf lupine</td>
</tr>
<tr>
<td><strong>Maianthemum racemosum (Smilacina racemosa)</strong></td>
<td>western solomons-seal</td>
</tr>
<tr>
<td><strong>Maianthemum stellatum (Smilacina stellata)</strong></td>
<td>stary false Solomon-seal</td>
</tr>
<tr>
<td><strong>Mertensia longiflora</strong></td>
<td>bluebells</td>
</tr>
<tr>
<td><strong>Mertensia paniculata var. borealis (var. paniculata has been collected south of Lake Eaton)</strong></td>
<td>tall lungwort</td>
</tr>
<tr>
<td><strong>Micranthes fragosa (Saxifraga integrifolia var. claytoniaeololia)</strong></td>
<td>grassland saxifrage</td>
</tr>
<tr>
<td><strong>Microseris nutans</strong></td>
<td>nodding microseris</td>
</tr>
<tr>
<td><strong>Microseris gracilis (Phlox gracilis)</strong></td>
<td>pink microseris</td>
</tr>
<tr>
<td><strong>Moehringia macrophylla (Arenaria macrophylla)</strong></td>
<td>big-leaf sandwort</td>
</tr>
<tr>
<td><strong>Orobanchus uniflora</strong></td>
<td>naked broomrape</td>
</tr>
<tr>
<td><strong>Osmorhiza occidentalis</strong></td>
<td>western sweet cicely</td>
</tr>
<tr>
<td><strong>Paeonia brownii</strong></td>
<td>Brown's peony</td>
</tr>
<tr>
<td><strong>Paxistima myrsinites (Pachistima)</strong></td>
<td>mountain box</td>
</tr>
<tr>
<td><strong>Penstemon attenuatus (see varieties)</strong></td>
<td>taper-leaf penstemon</td>
</tr>
<tr>
<td><strong>Penstemon confertus</strong></td>
<td>yellow penstemon</td>
</tr>
<tr>
<td><strong>Penstemon fruticosus var. fruticosus</strong></td>
<td>shrubby penstemon</td>
</tr>
<tr>
<td><strong>Penstemon pruinosus</strong></td>
<td>Chelan penstemon</td>
</tr>
<tr>
<td><strong>Phacelia hastata</strong></td>
<td>whiteleaf phacelia</td>
</tr>
<tr>
<td><strong>Phacelia linears</strong></td>
<td>thread-leaf scorpion-weed</td>
</tr>
<tr>
<td><strong>Philadelphus lewisi</strong></td>
<td>mock-orange</td>
</tr>
<tr>
<td><strong>Pinus ponderosa</strong></td>
<td>ponderosa pine</td>
</tr>
<tr>
<td>Common Name</td>
<td>Scientific Name</td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Piperia sp.</td>
<td>rei orchid</td>
</tr>
<tr>
<td>Plectritis macrocera</td>
<td>white plectritis</td>
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<tr>
<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
</tr>
<tr>
<td>Polystichum imbricans</td>
<td>imbricate sword fern</td>
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<tr>
<td>Populus balsamifera ssp. trichocarpa</td>
<td>black cottonwood</td>
</tr>
<tr>
<td>Prosartes hookeri (Disporum hookeri)</td>
<td>Hooker's fairybells</td>
</tr>
<tr>
<td>Prunus emarginata</td>
<td>bitter cherry</td>
</tr>
<tr>
<td>Prunus virginiana</td>
<td>chokecherry</td>
</tr>
<tr>
<td>Pteridium aquilinum</td>
<td>bracken</td>
</tr>
<tr>
<td>Purshia tridentata</td>
<td>antelope bitterbrush</td>
</tr>
<tr>
<td>Pyrola picta</td>
<td>white-vein wintergreen</td>
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<tr>
<td>Rhamnus purshiana</td>
<td>cascara</td>
</tr>
<tr>
<td>Rosa gymnocarpa</td>
<td>baldhip rose</td>
</tr>
<tr>
<td>Rosa nutkana var. hispida</td>
<td>Nootka rose</td>
</tr>
<tr>
<td>Rosa woodsii var. ultramontana</td>
<td>Wood's rose</td>
</tr>
<tr>
<td>Rubus leucodermis</td>
<td>blackcap raspberry</td>
</tr>
<tr>
<td>Rubus parviflorus</td>
<td>thimbleberry</td>
</tr>
<tr>
<td>Salix scouleriata</td>
<td>Scouler's willow</td>
</tr>
<tr>
<td>Sambucus nigra ssp. cerulea (S. cerulea)</td>
<td>blue elderberry</td>
</tr>
<tr>
<td>Sedum stenopetalum (see varieties)</td>
<td>wormleaf stonecrop</td>
</tr>
<tr>
<td>Senecio integerrimus var. exaltatus</td>
<td>western groundsel</td>
</tr>
<tr>
<td>Silene douglasii var. douglasii: ovary stalk 2-3 mm, pls glandular in upper part</td>
<td>Douglas' silene</td>
</tr>
<tr>
<td>Sorbus sp.</td>
<td>mountain-ash</td>
</tr>
<tr>
<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
</tr>
<tr>
<td>Symphoricarpos albus</td>
<td>common snowberry</td>
</tr>
<tr>
<td>Toxicodendron rydbergii (Rhus radicans)</td>
<td>western poison-ivy</td>
</tr>
<tr>
<td>Tragopogon dubius*</td>
<td>salsify</td>
</tr>
<tr>
<td>Triteleia latifolia (T. borealis)</td>
<td>western starflower</td>
</tr>
<tr>
<td>Trillium petiolatum</td>
<td>purple trillium</td>
</tr>
<tr>
<td>Tritileia grandiflora (Brodiaea douglasii)</td>
<td>large-flowered triteleia</td>
</tr>
<tr>
<td>Tritileia hyacinthina</td>
<td>Hyacinth brodiaea</td>
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<tr>
<td>Valeriana pubicarpa (V. acutiloba)</td>
<td>downy-fruit valerian</td>
</tr>
<tr>
<td>Veratrum californicum</td>
<td>California false hellebore</td>
</tr>
<tr>
<td>Vicia americana var. americana</td>
<td>American vetch</td>
</tr>
<tr>
<td>Vicia villosa</td>
<td>hairy vetch</td>
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<tr>
<td>Viola adunca ssp. adunca</td>
<td>yellow prairie violet</td>
</tr>
<tr>
<td>Wyethia amplexicaulis</td>
<td>northern mule's-ears</td>
</tr>
<tr>
<td>Zigadenus elegans</td>
<td>showy death-camas</td>
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<tr>
<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
<td>common name</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Abies grandis</td>
<td>grand fir</td>
</tr>
<tr>
<td>Acer glabrum var. douglasii</td>
<td>Douglas maple</td>
</tr>
<tr>
<td>Achillea millefolium</td>
<td>common yarrow</td>
</tr>
<tr>
<td>Adenocaulon bicolor</td>
<td>pathfinder</td>
</tr>
<tr>
<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
</tr>
<tr>
<td>Alnus viridis ssp. sinuata (Alnus sinuata)</td>
<td>Sitka alder</td>
</tr>
<tr>
<td>Amelanchier alnifolia</td>
<td>western serviceberry</td>
</tr>
<tr>
<td>Apocynum androsaemifolium</td>
<td>dogbane</td>
</tr>
<tr>
<td>Arctostaphylos uva-ursi</td>
<td>kinnikinnik</td>
</tr>
<tr>
<td>Berberis aquifolium</td>
<td>tall Oregon grape</td>
</tr>
<tr>
<td>Berberis nervosa</td>
<td>Cascade Oregon-grape</td>
</tr>
<tr>
<td>Cacaliopsis nardosmia (Luina nardosmia )</td>
<td>silvertop luina</td>
</tr>
<tr>
<td>Carex geyeri</td>
<td>elk sedge</td>
</tr>
<tr>
<td>Ceanothus velutinus var. velutinus</td>
<td>snowbrush</td>
</tr>
<tr>
<td>Chamaenerion angustifolium (Epilobium angustifolium)</td>
<td>fireweed</td>
</tr>
<tr>
<td>Chimaphila menzieii</td>
<td>little prince's-pine</td>
</tr>
<tr>
<td>Chimaphila umbellata</td>
<td>pipsissewa</td>
</tr>
<tr>
<td>Clintonia uniflora</td>
<td>queen's-cup</td>
</tr>
<tr>
<td>Corallorhiza maculata</td>
<td>spotted coralroot</td>
</tr>
<tr>
<td>Cornus sericea</td>
<td>red-osier dogwood</td>
</tr>
<tr>
<td>Dactylis glomerata*</td>
<td>orchardgrass</td>
</tr>
<tr>
<td>Drymocallis glandulosa var. glandulosa (Potentilla glandulosa)</td>
<td>sticky cinquefoil</td>
</tr>
<tr>
<td>Elymus glaucus</td>
<td>blue wildrye</td>
</tr>
<tr>
<td>Hieracium albiflorum</td>
<td>white-flowered hawkweed</td>
</tr>
<tr>
<td>Holodiscus discolor</td>
<td>ocean spray</td>
</tr>
<tr>
<td>Larix occidentalis</td>
<td>western larch</td>
</tr>
<tr>
<td>Leucanthemum vulgare*</td>
<td>ox-eye daisy</td>
</tr>
<tr>
<td>Lilium columbianum</td>
<td>tiger lily</td>
</tr>
<tr>
<td>Linnaea borealis</td>
<td>twinflower</td>
</tr>
<tr>
<td>Lonicera involucrata</td>
<td>black twinberry</td>
</tr>
<tr>
<td>Lupinus latifolius var. latifolius</td>
<td>broadleaf lupine</td>
</tr>
<tr>
<td>Madia sp.</td>
<td>tarweed</td>
</tr>
<tr>
<td>Maianthemum stellatum (Smilacina stellata)</td>
<td>starry false Solomon-seal</td>
</tr>
<tr>
<td>Moehringia macrophylla (Arenaria macrophylla)</td>
<td>big-leaf sandwort</td>
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<tr>
<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
</tr>
<tr>
<td>Pedicularis bracteosa, var. latifolia and bracteosa most likely</td>
<td>bracted lousewort</td>
</tr>
<tr>
<td>Penstemon fruticosus var. fruticosus</td>
<td>shrubby penstemon</td>
</tr>
<tr>
<td>Penstemon pruinus</td>
<td>Chelan penstemon</td>
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<td>Phacelia hastata</td>
<td>whiteleaf phacelia</td>
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<tr>
<td>Pinus contorta</td>
<td>lodgepole pine</td>
</tr>
<tr>
<td>Pinus monticola</td>
<td>western white pine</td>
</tr>
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<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
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<tr>
<td>Populus balsamifera ssp. trichocarpa</td>
<td>black cottonwood</td>
</tr>
<tr>
<td>Prunus virginiana</td>
<td>chokecherry</td>
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<tr>
<td>Rubus parviflorus</td>
<td>thimbleberry</td>
</tr>
<tr>
<td>Rubus ursinus</td>
<td>trailing blackberry</td>
</tr>
<tr>
<td>Rumex acetosella *</td>
<td>sheep sorrel</td>
</tr>
<tr>
<td>Salix scouleriana</td>
<td>Scouler’s willow</td>
</tr>
<tr>
<td>Species</td>
<td>Common Name</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td><em>Sambucus nigra</em> ssp. <em>cerulea</em> (S. cerulea)</td>
<td>blue elderberry</td>
</tr>
<tr>
<td>Shepherdia canadensis</td>
<td>soopolallie</td>
</tr>
<tr>
<td><em>Silene menziesii</em> (some flowers to 10 mm across in Tumwater Canyon)</td>
<td>Menzies' catchfly</td>
</tr>
<tr>
<td><em>Thuja plicata</em></td>
<td>western redcedar</td>
</tr>
<tr>
<td>Tragopogon dubius*</td>
<td>salsify</td>
</tr>
<tr>
<td><em>Trifolium repens</em></td>
<td>white clover</td>
</tr>
<tr>
<td><em>Vaccinium membranaceum</em></td>
<td>thin-leaved huckleberry</td>
</tr>
<tr>
<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
<td>common name</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
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</tr>
<tr>
<td>Abies grandis</td>
<td>grand fir</td>
</tr>
<tr>
<td>Acer circinatum</td>
<td>vine maple</td>
</tr>
<tr>
<td>Achillea millefolium</td>
<td>common yarrow</td>
</tr>
<tr>
<td>Actaea rubra</td>
<td>baneberry</td>
</tr>
<tr>
<td>Adenocaulon bicolor</td>
<td>pathfinder</td>
</tr>
<tr>
<td>Adiantum aleuticum (A. pedatum)</td>
<td>western maidenhair</td>
</tr>
<tr>
<td>Agropyron: see Pseudoroegneria, Thinopyrum</td>
<td>Douglas-fir</td>
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<tr>
<td>Alnus viridis ssp. sinuata (Alnus sinuata)</td>
<td>Sitka alder</td>
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<tr>
<td>Amelanchier alnifolia</td>
<td>western serviceberry</td>
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<tr>
<td>Angelica sp.</td>
<td>angela</td>
</tr>
<tr>
<td>Antennaria microphylla</td>
<td>rosy pussy-toes</td>
</tr>
<tr>
<td>Antennaria racemosa</td>
<td>raceme pussy-toes</td>
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<tr>
<td>Apocynum androsaemifolium</td>
<td>dogbane</td>
</tr>
<tr>
<td>Aquilegia formosa</td>
<td>columbine</td>
</tr>
<tr>
<td>Arctostaphylos uva-ursi</td>
<td>kinnikinnik</td>
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<td>Arnica cordifolia</td>
<td>heart-leaf arnica</td>
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<tr>
<td>Aruncus dioicus var. acuminatus</td>
<td>goatsbeard</td>
</tr>
<tr>
<td>Asarum caudatum</td>
<td>wild ginger</td>
</tr>
<tr>
<td>Athyrium filix-femina</td>
<td>lady fern</td>
</tr>
<tr>
<td>Berberis nervosa</td>
<td>Cascade Oregon-grape</td>
</tr>
<tr>
<td>Calamagrostis rubescens</td>
<td>pinegrass</td>
</tr>
<tr>
<td>Carex disperma</td>
<td>short-leaf sedge</td>
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<tr>
<td>Carex hoodii</td>
<td>Hood's sedge</td>
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<tr>
<td>Carex mertensii</td>
<td>Mertens's sedge</td>
</tr>
<tr>
<td>Castilleja hispida var. hispida</td>
<td>harsh paintbrush</td>
</tr>
<tr>
<td>Castilleja miniata</td>
<td>scarlet Indian-paintbrush</td>
</tr>
<tr>
<td>Ceanothus velutinus var. velutinus</td>
<td>snowbrush</td>
</tr>
<tr>
<td>Centaurea diffusa*</td>
<td>diffuse knapweed</td>
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<tr>
<td>Chamerion angustifolium (Epilobium angustifolium)</td>
<td>fireweed</td>
</tr>
<tr>
<td>Chimaphila menziesii</td>
<td>little prince's-pine</td>
</tr>
<tr>
<td>Chimaphila umbellata</td>
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<td>queen's-cup</td>
</tr>
<tr>
<td>Corallorhiza maculata</td>
<td>spotted coralroot</td>
</tr>
<tr>
<td>Cornus sericea ssp. occidentalis (C. stolonifera)</td>
<td>red-osier dogwood</td>
</tr>
<tr>
<td>Cornus unalaschkensis (C. canadensis)</td>
<td>trailing dogwood</td>
</tr>
<tr>
<td>Dactylis glomerata*</td>
<td>orchardgrass</td>
</tr>
<tr>
<td>Epilobium minutum</td>
<td>small-flowered willowherb</td>
</tr>
<tr>
<td>Equisetum arvense</td>
<td>common horsetail</td>
</tr>
<tr>
<td>Gaultheria ovatifolia</td>
<td>western teaberry</td>
</tr>
<tr>
<td>Goodyera oblongifolia</td>
<td>western rattlesnake orchid</td>
</tr>
<tr>
<td>Hieracium alboblorum</td>
<td>white-flowered hawkweed</td>
</tr>
<tr>
<td>Hieracium scouleri (Hieracium albertinum)</td>
<td>Scouler's hawkweed</td>
</tr>
<tr>
<td>Holodiscus discolor</td>
<td>ocean spray</td>
</tr>
<tr>
<td>Juncus balticus var. balticus</td>
<td>baltic rush</td>
</tr>
<tr>
<td>Larix occidentalis</td>
<td>western larch</td>
</tr>
<tr>
<td>Leucanthemum vulgare*</td>
<td>ox-eye daisy</td>
</tr>
<tr>
<td>Lewisia columbiana</td>
<td>Columbia lewisia</td>
</tr>
<tr>
<td>Lilium columbianum</td>
<td>tiger lily</td>
</tr>
<tr>
<td>Linnaea borealis</td>
<td>twinflower</td>
</tr>
<tr>
<td>Lomatium brandegei</td>
<td>Brandegee's lomatium</td>
</tr>
<tr>
<td>Lonicera ciliosa</td>
<td>trumpet honeysuckle</td>
</tr>
<tr>
<td>Lonicera involucrata</td>
<td>black twinberry</td>
</tr>
<tr>
<td>Latin Name</td>
<td>Common Name</td>
</tr>
<tr>
<td>------------------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>Lupinus latifolius var. latifolius</td>
<td>broadleaf lupine</td>
</tr>
<tr>
<td>Luzula parviflora</td>
<td>small-flowered woodrush</td>
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<tr>
<td>Maianthemum racemosum (Smilacina racemosa)</td>
<td>western solomon's-seal</td>
</tr>
<tr>
<td>Maianthemum stellatum (Smilacina stellata)</td>
<td>starry false Solomon-seal</td>
</tr>
<tr>
<td>Menziesia ferruginea</td>
<td>fool's-huckleberry</td>
</tr>
<tr>
<td>Moehringia macrophylla ( Arenaria macrophylla)</td>
<td>big-leaf sandwort</td>
</tr>
<tr>
<td>Montia parvifolia</td>
<td>streambank springbeauty</td>
</tr>
<tr>
<td>Olopanax horridum</td>
<td>devil's club</td>
</tr>
<tr>
<td>Paxistima myrsinites (Pachistima)</td>
<td>mountain box</td>
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<td>Pedicularis bracteosa, vars. latifolia and bracteosa most likely</td>
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<tr>
<td>Penstemon fruticosus var. fruticosus</td>
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</tr>
<tr>
<td>Penstemon serrulatus</td>
<td>Cascade penstemon</td>
</tr>
<tr>
<td>Picea engelmanni</td>
<td>Engelman spruce</td>
</tr>
<tr>
<td>Pinus contorta</td>
<td>lodgepole pine</td>
</tr>
<tr>
<td>Pinus monticola</td>
<td>western white pine</td>
</tr>
<tr>
<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
</tr>
<tr>
<td>Plantago lanceolata</td>
<td>English plantain</td>
</tr>
<tr>
<td>Platanthera stricta</td>
<td>slender bog orchid</td>
</tr>
<tr>
<td>Poa bulbosa ssp. vivipara*</td>
<td>bulbous bluegrass</td>
</tr>
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<td>Populus balsamifera ssp. trichocarpa</td>
<td>black cottonwood</td>
</tr>
<tr>
<td>Populus tremuloides</td>
<td>quaking aspen</td>
</tr>
<tr>
<td>Prosartes species (Disporum sp.)</td>
<td>fairybells</td>
</tr>
<tr>
<td>Pteridium aquilinum</td>
<td>bracken</td>
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<tr>
<td>Pterospora andromedea</td>
<td>pinedrops</td>
</tr>
<tr>
<td>Pyrola picta</td>
<td>white-vein wintergreen</td>
</tr>
<tr>
<td>Ribes lacustre</td>
<td>prickly current</td>
</tr>
<tr>
<td>Rosa gymnocarpa</td>
<td>baldhip rose</td>
</tr>
<tr>
<td>Rubus parviflorus</td>
<td>thimbleberry</td>
</tr>
<tr>
<td>Rumex acetosella *</td>
<td>sheep sorrel</td>
</tr>
<tr>
<td>Salix scouleriana</td>
<td>Scouler's willow</td>
</tr>
<tr>
<td>Sedum sp.</td>
<td>stonecrop</td>
</tr>
<tr>
<td>Shepherdia canadensis</td>
<td>soopolallie</td>
</tr>
<tr>
<td>Sorbus scopulina</td>
<td>mountain-ash</td>
</tr>
<tr>
<td>Spergularia sp.</td>
<td>sandspurry</td>
</tr>
<tr>
<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
</tr>
<tr>
<td>Taraxacum officinale*</td>
<td>common dandelion</td>
</tr>
<tr>
<td>Taxus brevifolia</td>
<td>Pacific yew</td>
</tr>
<tr>
<td>Trautvetteria caroliniensis</td>
<td>wild bugbane</td>
</tr>
<tr>
<td>Trifolium pratense*</td>
<td>red clover</td>
</tr>
<tr>
<td>Trifolium repens*</td>
<td>white clover</td>
</tr>
<tr>
<td>Trillium ovatum</td>
<td>western trillium</td>
</tr>
<tr>
<td>Tsuga heterophylla</td>
<td>western hemlock</td>
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<tr>
<td>Vaccinium membranaceum</td>
<td>thin-leaved huckleberry</td>
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<tr>
<td>Vibernum edule</td>
<td>squashberry</td>
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<tr>
<td>Viola glabella</td>
<td>pioneer violet</td>
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<tr>
<td>Species (taxonomy generally follows the WA Flora Checklist, with synonyms from Hitchcock and Cronquist in parentheses)</td>
<td>common name</td>
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<tr>
<td>---------------------------------------------------------------</td>
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<tr>
<td>Alopecurus pratensis</td>
<td>field meadow-foxtail</td>
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<tr>
<td>Angelica sp.</td>
<td>angelica</td>
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<tr>
<td>Apocynum cannabinum</td>
<td>Indian hemp</td>
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<tr>
<td>Camassia quamash</td>
<td>common camas</td>
</tr>
<tr>
<td>Cirsium vulgare*</td>
<td>bull thistle</td>
</tr>
<tr>
<td>Crataegus sp.</td>
<td>hawthorn</td>
</tr>
<tr>
<td>Fritillaria lanceolata</td>
<td>chocolate lily</td>
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<tr>
<td>Juncus tenuis</td>
<td>poverty rush</td>
</tr>
<tr>
<td>Leucanthemum vulgare*</td>
<td>ox-eye daisy</td>
</tr>
<tr>
<td>Madia glomerata</td>
<td>tarweed</td>
</tr>
<tr>
<td>Navarretia sp.</td>
<td>navarretia</td>
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<tr>
<td>Perideridia gairdneri</td>
<td>yampah</td>
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<tr>
<td>Phleum pratense*</td>
<td>common timothy</td>
</tr>
<tr>
<td>Pinus ponderosa</td>
<td>ponderosa pine</td>
</tr>
<tr>
<td>Populus tremuloides</td>
<td>quaking aspen</td>
</tr>
<tr>
<td>Potentilla gracilis var. flabelliformis</td>
<td>Idaho cinquefoil</td>
</tr>
<tr>
<td>Potentilla recta*</td>
<td>sulfur cinquefoil</td>
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<tr>
<td>Prunella vulgaris</td>
<td>heal-all</td>
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<tr>
<td>Rosa</td>
<td>rose</td>
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<td>Rudbeckia alpica</td>
<td>rudbeckia</td>
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<td>Salix scouleri ana</td>
<td>Scouler’s willow</td>
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<tr>
<td>Solidago sp.</td>
<td>goldenrod</td>
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<td>Spiraea lucida (S. betulifolia)</td>
<td>shiny-leaf spiraea</td>
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<td>Symphoricarpos albus</td>
<td>common snowberry</td>
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<tr>
<td>Toxicodendron rydbergii (Rhus radicans)</td>
<td>western poison-ivy</td>
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<tr>
<td>Trifolium hybridum*</td>
<td>Alsike clover</td>
</tr>
<tr>
<td>Trifolium pratense*</td>
<td>red clover</td>
</tr>
<tr>
<td>Tripleurospermum maritimum ssp. maritimum (Matricaria maritima)*</td>
<td>scentless mayweed</td>
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<tr>
<td>Tritileia hyacinthina</td>
<td>Hyacinth brodiaea</td>
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<tr>
<td>Veratrum californicum</td>
<td>California false hellebore</td>
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<tr>
<td>Vicia americana var. americana</td>
<td>American vetch</td>
</tr>
<tr>
<td>Vicia villosa</td>
<td>hairy vetch</td>
</tr>
<tr>
<td>Wyethia amplexicaulis</td>
<td>northern mule’s-ears</td>
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