



2021 Washington Vascular Plant Species  
Review Lists 1 & 2

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Washington Natural Heritage Program  
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# 2021 Washington Vascular Plant Species Review Lists 1 and 2

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The WNHP Plant Species Review Lists 1 and 2 are also available as an Excel spreadsheet on the Washington Natural Heritage Program website at:  
<https://www.dnr.wa.gov/NHPlists>

**ON THE COVER:** Bighead horkelia (*Horkelia fusca* var. *capitata*) from Umatilla National Forest, Columbia Co., Washington

Photograph by: Walter Fertig, WNHP

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## Introduction

Since 1977, the Washington Natural Heritage Program (WNHP) has maintained a list of Washington vascular plant species of conservation concern. Before being added to this list, species undergo a review in which their status is evaluated by the state natural heritage program botanist and experts from academia, government, and the private sector. During the review, species are assessed based on the best available information on their distribution, abundance, number of occurrences, threats, and trends in the state. If a species is found to be sufficiently vulnerable, it is designated as state Endangered, Threatened, Sensitive, or Extirpated and added to the Washington Vascular Plant Species of Conservation Concern list (Fertig 2021a). Species determined to be sufficiently widespread, abundant, or unthreatened may be dropped. WNHP maintains two review lists based on the state of taxonomic knowledge: well-accepted species, subspecies, or varieties are included in Review List 1, while those with unresolved taxonomic questions are in Review List 2.

The review lists are periodically updated as new information becomes available or the status of species is revised. The following is an update of the July 2019 list (WNHP 2019). Twelve species have been added and 21 removed from the last edition of the WNHP review lists. New species are indicated by a \* preceding the species name. Status changes are underlined for new data or crossed ~~through~~ for newly recognized errors or deletions.

The 2021 changes are summarized below:

### Species Added to Review List 1

*Carex parryana*  
*Crataegus tenuior*  
*Hackelia diffusa* var. *cottonii*  
*Platanthera sparsiflora*  
*Polystichum braunii*  
*Prunus americana*  
*Rumex crassus*  
*Rumex persicarioides*  
*Taraxacum alaskanum*  
*Taraxacum scopulorum*  
*Viola howellii*

### Species Added to Review 2 List

*Lomatium* sp. (Mt Aix biscuitroot, undescribed)

### Species Transferred to Species of Conservation Concern List

*Boechea atrorubens*  
*Cryptantha grandiflora*  
*Lomatium klickitatense*  
*Pedicularis bracteosa* var. *siifolia*  
*Pinus albicaulis* (proposed Threatened by USFWS)  
*Potentilla jepsonii* var. *kluanensis*

*Sabulina basaltica*

**Species Dropped from Consideration (more common than originally suspected)**

*Frasera speciosa*

*Lomatium brevifolium* “var. *brevifolium*”

*Platanthera huronensis*

*Polygonum sawatchense* ssp. *oblivium*

*Senecio crassulus*

*Utricularia gibba*

**Species Dropped from Consideration (falsely reported for Washington)**

*Astragalus howellii*

*Chrysothamnus humilis*

*Erigeron humilis*

*Lupinus argenteus* var. *holosericeus*

*Lupinus lepidus* var. *cusickii*

*Penstemon diphyllus*

*Trifolium plumosum* var. *amplifolium*

**Species Dropped from Consideration (taxon no longer recognized)**

*Crepis modocensis* ssp. *glareosa*

**Nomenclature Changes**

*Anthoxanthum hirtum* is now *Hierochloa odorata*

*Potamogeton foliosus* ssp. *fibrillosus* is now *Potamogeton fibrillosus*

*Rumex hesperius* is now *Rumex salicifolius* var. *angustivalvis*

*Synthyris missurica* ssp. *stellata* is now *Veronica missurica* ssp. *stellata*

Appendix A (Review List 1) and B (Review List 2) contain information on the geographic distribution pattern of each species in Washington (i.e. local endemic, disjunct, peripheral, etc.), as well as distributions by counties and ecoregions. The status and information needs for each species is briefly summarized in the final column.

Each of the main headings in the appendices and their codes are briefly described below:

**Species/Common Name:** Species are organized alphabetically by their scientific name. Nomenclature follows Hitchcock & Cronquist (2018). Pertinent synonyms are included in parentheses. Common names follow the USDA Plants database (<http://plants.usda.gov>) or NatureServe (<http://explorer.natureserve.org>).

**Heritage Rank:** WNHP uses the ranking system developed by NatureServe to assess global and state conservation status of each plant species, subspecies, and variety (Faber-Langendoen et al. 2012). Taxa are ranked on a scale of 1 to 5 (from highest to lowest conservation concern).

G = Global Rank: rangewide status of a full species

T = Trinomial Rank: rangewide status of a subspecies or variety

S = State Rank: status of a species, subspecies, or variety within the state of Washington

- 1 = Critically Imperiled – at very high risk of extirpation due to very restricted range, very few occurrences, very steep declines, very severe threats, or other factors
- 2 = Imperiled – at high risk of extirpation due to restricted range, few occurrences, steep declines, severe threats, or other factors
- 3 = Vulnerable – at moderate risk of extirpation due to a fairly restricted range, relatively few occurrences, recent and widespread declines, threats, or other factors
- 4 = Apparently secure – at fairly low risk of extirpation due to an extensive range or many occurrences, but with possible cause for some concern as a result of local recent declines, threats, or other factors
- 5 = Secure – at very low risk of extirpation due to a very extensive range, abundant occurrences, and little to no concern from decline or threats
- H = Historical– known from only historical occurrences (prior to 1978) but still with some hope of rediscovery
- X = Presumed Extirpated – not relocated since 1978 despite intensive searches and virtually no likelihood of rediscovery
- U = Unrankable – lack of information or substantially conflicting information about status
- NR = Not Ranked – rank not assessed yet
- Q = Questionable – questions exist about the taxonomic validity of a species, subspecies, or variety
- ? = Questionable – questions exist about the assigned G, T, or S rank of a taxon
- [ ] = indicates a recommended, but not yet accepted, rank.

**Distribution (Dist.) Pattern:** Species rarity is often correlated with geographic distribution patterns. The following patterns can be recognized in Washington:

- LocEnd = Local Endemic; global range of taxon is less than 16,500 km<sup>2</sup> or about 1 degree of latitude x 2 degrees of longitude (about the size of an average county)
- RegEnd = Regional Endemic; global range of taxon is between 16,500 to 250,000 km<sup>2</sup> (or an area about the size of the state of Washington)
- Disjunct = Disjunct; globally widespread but state population is isolated from the main contiguous range by a gap or more than 500 km
- Periph = Peripheral; globally widespread but Washington population is at the margin of the main contiguous range of the taxon
- Sparse = Sparse; widely distributed across the state but with relatively few populations (less than 20)
- Widesp = Widespread; widely distributed globally and in Washington, with more than 20 populations in the state.

**County:** Three-letter codes are used to document the distribution of plant species by county (Figure 1). Vague or unconfirmed reports are indicated by ?.

- |                |                    |                   |
|----------------|--------------------|-------------------|
| Ada = Adams    | Grh = Grays Harbor | Pie = Pierce      |
| Aso = Asotin   | Isl = Island       | Saj = San Juan    |
| Ben = Benton   | Jef = Jefferson    | Skg = Skagit      |
| Che = Chelan   | Kin = King         | Skm = Skamania    |
| Clk = Clark    | Kli = Klickitat    | Sno = Snohomish   |
| Clm = Clallam  | Ktp = Kitsap       | Spo = Spokane     |
| Col = Columbia | Ktt = Kittitas     | Ste = Stevens     |
| Cow = Cowlitz  | Lew = Lewis        | Thu = Thurston    |
| Dou = Douglas  | Lin = Lincoln      | Waw = Walla Walla |
| Fer = Ferry    | Mas = Mason        | Whc = Whatcom     |
| Fra = Franklin | Oka = Okanogan     | Whk = Wahkiakum   |
| Gar = Garfield | Pac = Pacific      | Wht = Whitman     |
| Gra = Grant    | Peo = Pend Oreille | Yak = Yakima      |

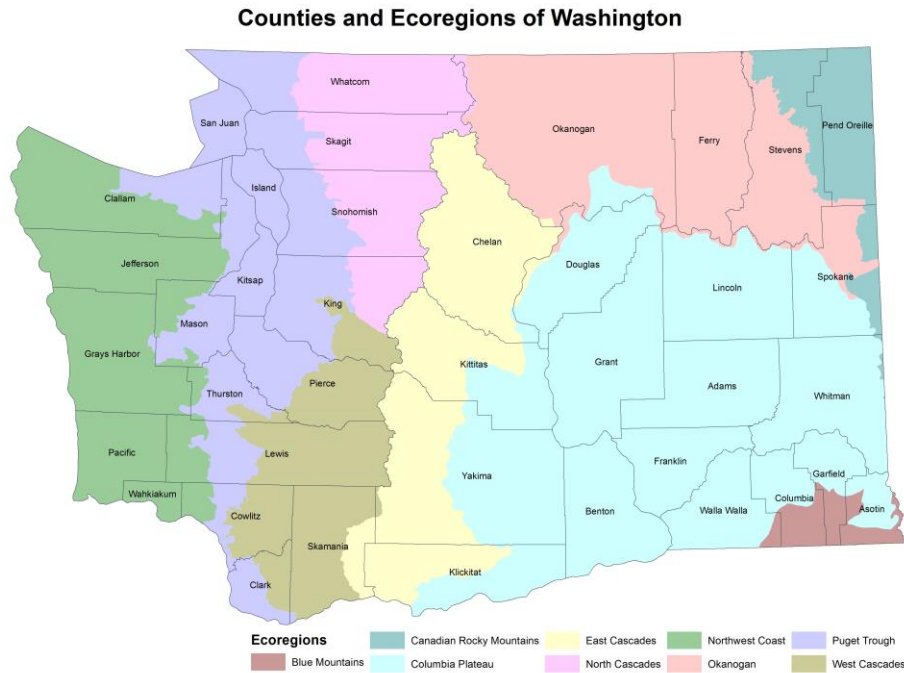


Figure 1. Washington counties and ecoregions.

**Ecoregion:** Ecoregions are biologically-defined geographic areas with similar environmental, physiographic, or vegetation patterns. WNHP follows the classification of Camp and Gamon (2011). Two-letter codes are used for ecoregion names (Figure 1). Vague or unconfirmed reports are indicated by ?.

- |                       |                     |                              |
|-----------------------|---------------------|------------------------------|
| BM = Blue Mountains   | EC = East Cascades  | PC = Pacific Northwest Coast |
| CP = Columbia Plateau | NC = North Cascades | PT = Puget Trough            |
| CR = Canadian Rockies | OK = Okanogan       | WC = West Cascades           |

## Historical Species in Need of Confirmation

The following species are considered extirpated or historical in Washington and have not been relocated since 1981 (Fertig 2021b). Information is needed to determine if these taxa are still present in the state's flora and whether they should be added to the Review lists in the future. Each species includes its scientific and common name, county distribution, and year last documented.

*Acorus americanus*, American sweetflag, Spo, 1948  
*Allium geyeri* var. *tenerum*, Geyer's onion, Ktt, 1952  
*Androsace filiformis*, Slender rock-jasmine, Kli 1908 (may have been cultivated)  
*Anemone drummondii* var. *lithophila*, Drummond's anemone, Clm, Oka, Whc, 1972  
*Antennaria pulcherrima*, Showy pussytoes, Aso, Oka, Ste, Wht, Yak, 1978  
*Atriplex argentea*, Silverscale orache, Dou, Ktt, Waw, Yak, 1911  
*Brickellia microphylla*, Small-leaved brickellbush, Aso, 1948  
*Camissonia pusilla*, Little suncup, Dou, Fra, Gra, Oka, 1936  
*Carex crawei*, Crawe's sedge, reported from Camp Colville, Stevens Co, before 1850  
*Chenopodium fremontii*, Fremont's goosefoot, Gra, Ok, 1972  
*Chenopodium incognitum*, Gaping goosefoot, Che, 1926  
*Chenopodium subglabrum*, Smooth goosefoot, Ben, Dou, Gra, Oka, 1972  
*Clarkia viminea*, Twiggy clarkia, Clk, 1893  
*Coleanthus subtilis*, Moss-grass, Kli, 1905  
*Cuscuta indecora*, Large-seeded dodder, Ben, Gar, Kli, Oka, Saj, Spo, Ste, Wht  
*Delphinium occidentale*, Western larkspur, Col, Ktt, 1974  
*Dodecatheon alpinum*, Alpine shootingstar, Kli, Skm, Whc, Yak, 1970  
*Draba crassifolia*, Thicketleaved draba, Clm, Jef, Oka, Ste, Whc, 1979  
*Eleocharis bella*, Delicate spikerush, Aso, Kli, Spo, Wht, 1928  
*Elymus curvatus*, Awnless ryegrass, Peo, 1902  
*Epilobium leptocarpum*, Slender-fruit willow-herb, Clm, Grh, Kli, Lin, Peo, Pie, Skm, Whc, 1980  
*Equisetum variegatum* ssp. *alaskanum*, Northwestern scouring-rush, Jef, Kli, Whc, 1980  
*Erigeron caespitosus*, Tufted fleabane, Ktt, Wht, 1924  
*Eriogonum cernuum*, Nodding buckwheat, Ben, 1970  
*Eriogonum ovalifolium* var. *ovalifolium*, Cushion buckwheat, Che, 1940  
*Erysimum inconspicuum*, Small wallflower, Oka, Ste, 1973  
*Hesperostipa comata* ssp. *intermedia*, Intermediate needle-and-thread, Oka, Spo, 1932  
*Hordeum pusillum*, Little barley, Wht, 1951  
*Hosackia gracilis*, Seaside birdsfoot-trefoil, Grh, Kli, Mas, 1968  
*Lepidium nitidum*, Shining pepperwort, Kli, Pie, 1974  
*Lonicera cauriana*, Bluefly honeysuckle, Skm, Yak, 1886  
*Lygodesmia juncea*, Rush skeletonplant, Oka, Spo, 1974  
*Melica aristata*, Awned melic, Skm, 1883  
*Muhlenbergia minutissima*, Littleseed muhly, Kli, Spo, Yak, 1898  
*Muhlenbergia racemosa*, Satingrass, Che, Oka, Peo, Wht, Yak, 1972  
*Orthocarpus luteus*, Yellow owl-clover, Kli, Ktt, Lin, Oka, Peo, Spo, Wht, Yak, 1980  
*Physaria occidentalis* ssp. *occidentalis*, Western bladderpod, Yak, 1899  
*Poa bolanderi*, Bolander's bluegrass, Col, Kin, Kli, Sno, Waw, Whc, Yak, 1967  
*Poa pratensis* ssp. *agassizensis*, Kentucky bluegrass, Che, 1970 (native subspecies)  
*Poa reflexa*, Nodding bluegrass, Ktt, Yak, 1937  
*Polygonum achoreum*, Blake's knotweed, Pie, 1975  
*Potentilla gracilis* var. *brunnescens*, Glandular cinquefoil, Aso, Gar, Ste, 1959



*Pyrola elliptica*, White pyrola, Skg, Skm, 1968  
*Schoenoplectus heterochaetus*, Slender bulrush, Ktt, 1977  
*Sphenopholis intermedia*, Slender wedgrass, Kli, Spo, Yak, 1963  
*Sporobolus neglectus*, Small dropseed, Spo, 1916  
*Suaeda nigra*, Bushy seablite, Kli, 1905  
*Symphyotrichum falcatum*, Creeping white prairie aster, Kli, Oka, 1922  
*Trifolium albopurpureum*, Rancheria clover, Kli, 1900  
*Trifolium bifidum* var. *decipiens*, Pinole clover, Kli, 1911  
*Trifolium eriocephalum* var. *eriocephalum*, Woolly-head clover, Clk, Kli, Skm, 1972

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## Appendix A. WNHP Vascular Plant Review List 1

Washington Review List 1					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Adiantum aleuticum</i> var. <i>subpumilum</i> Aleutian maidenhair	G5?T2T3/ [S1]	RegEnd	Clm?	PC?	Reported from La Push area, but confirmation needed (may be typical <i>A. aleuticum</i> ).
<i>Allium columbianum</i> ( <i>A. douglasii</i> var. <i>columbianum</i> ) Columbia onion	G3/[S1 S2]	RegEnd	Lin, Spo, Ste	CP, OK	Known from 5 extant and 7 historical occurrences, more current status information needed
<i>Andromeda polifolia</i> var. <i>polifolia</i> Bog-rosemary	G5T5/SNR	Periph	reported	reported	Possible S1 or SH; reported for WA in <i>Flora of North America</i> but location not provided. Confirmation needed that it is actually in WA.
<i>Androsace septentrionalis</i> Pygmyflower rockjasmine	G5/[S1]	Periph	Oka, Whc	NC, OK	Known from 5 extant and 2 historical occurrences
<i>Antennaria monocephala</i> ssp. <i>angustata</i> Pygmy pussytoes	G5T5/[S1]	Periph	Che, Skg	NC	Known from 2 extant occurrences
<i>Aphyllon corymbosum</i> ( <i>Orobancha corymbosa</i> ) Flat-top broomrape	G4/[S2]	Sparse	Aso, Ben, Che, Dou, Fra, Gra, Kli, Ktt, Oka	BM, CP, EC, OK	Known from 8 extant occurrences and 5 historical records, WA represented by two ssp.: <i>corymbosum</i> & <i>mutabile</i> ; abundance and distribution by ssp. needs to be determined.
<i>Astragalus eucosmus</i> Pretty milkvetch	G5/[S1]	Periph	Fer, Oka	OK	Known from 1 extant and 1 historical population
<i>Astragalus laxmannii</i> var. <i>robustior</i> ( <i>A. adsurgens</i> ) Prairie milkvetch	G5T5/[SH]	Periph	Oka, Peo, Spo	CP, CR, OK	Known from 3 historical records, last observed in 1931
<i>Astragalus robbinsii</i> var. <i>minor</i> Robbins' milkvetch	G5T5/[S2]	Periph	Oka, Peo	CR, OK	Known from 6 extant and 7 historical locations
<i>Atriplex canescens</i> var. <i>canescens</i> Fourwing saltbush	G5T5?/[S1]	Periph	Dou, Gra, Ktt, Wht, Yak	CP	Known from 2 extant and 4 historical records
<i>Atriplex gardneri</i> var. <i>falcata</i> ( <i>A. falcata</i> ) Sickle saltbush	G5T4Q/ [S1]	Disjunct	Ben, Dou, Fra, Gra	CP	Known from 4 extant and 2 historical records
<i>Bidens amplissima</i> Vancouver Island beggar-ticks	G3/[S2]	RegEnd	Kin, Skg, Sno, Whc	PT	Known from 5 extant and 4 historical locations; better info needed on status and trends.
<i>Boecheira drepanoloba</i> ( <i>Arabis lemmonii</i> var. <i>d.</i> ) Lemmon's rockcress	G4G5/[SH]	Periph	Whc	NC	Known from a single historical record last observed in 1978; apomictic hybrid of <i>B. lemmonii</i> x <i>B. stricta</i> .
<i>Boecheira grahamii</i> ( <i>Arabis confinis</i> ) Graham's rockcress	G5/[S2]	Periph	Fer, Peo, Ste	CR, OK	Known from at least 6 extant occurrences; apomictic hybrid of <i>Boecheira collinsii</i> x <i>B. stricta</i> .
<i>Boecheira paupercula</i> ( <i>Arabis lyallii</i> var. <i>nubigena</i> ) Small-flowered rockcress	G2G4/[SH]	Disjunct	Jef	PC	Known from 2 historical reports, last observed in 1934.
<i>Boecheira suffrutescens</i> ( <i>Arabis suffrutescens</i> ) Woody rockcress	G3G4/[S1]	Periph	Col, Skm, Waw, Yak	BM, EC	Known from 3 extant and 3 historical reports; probably more common in the East Cascades than presently known
<i>Calochortus eurycarpus</i> Big-pod mariposa lily	G4/[S1]	Periph	Aso, Gar	BM	Known from 4 extant and 2 historical occurrences
<i>Carex atosquama</i> Blackened sedge	G5/[S1]	Periph	Fer, Oka	OK	Known from 5 extant and 1 historical occurrences
<i>Carex haydeniana</i> Hayden's sedge	G5?/[SH]	Periph	Gar?, Waw?	BM	Known from 2-3 historical occurrences, last observed in 1913; confirmation needed

Washington Review List 1					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Carex lacustris</i> Lake-bank sedge	G5/[S1]	Periph	Peo, Ste	CR	Known from 5 occurrences; may hybridize with related species.
<i>Carex macloviana</i> Falkland Island sedge	G3G5/[S1]	Periph	Kli, Oka, Ste	<u>CR</u> , EC, OK	At least 3 extant occurrences reported, but taxonomy is complicated and WA specimens need to be confirmed.
* <i>Carex parryana</i> Parry's sedge	G4G5/[S1]	Periph	Oka	OK	Known from 1 extant occurrence
<i>Carex praeceptorum</i> Teacher's sedge	G4G5/[S1]	Sparse	Che, Kli, Peo	CR, EC	Known from 4 extant and 2 historical locations in WA
<i>Carex sheldonii</i> Sheldon's sedge	G4/[S1]	RegEnd	Aso	BM	Known from one extant occurrence in WA
<i>Carex siccata</i> Dryspike sedge	G5/[S1?]	Sparse	Che, Ktt, <u>Oka</u> , Pie?, Ste, Yak	CP, CR, EC, <u>OK</u> , <u>WC?</u>	Known from 2 extant & 4 historical reports, but there is conflicting data on range and abundance in WA (it may be restricted to East Cascades in Chelan Co); WA specimens should be verified
<i>Carex stenoptila</i> Riverbank sedge	G3/[S1]	Disjunct	Oka	OK	Known from 1 extant occurrence
<i>Carex vernacula</i> Foetid sedge	G5/[S1]	Periph	Oka?, Sno, Yak	EC, NC, OK?	Known from 2 extant & 2 historical reports
<i>Caulanthus lasiophyllus</i> ( <i>Guillenia lasiophylla</i> ) Cutleaf thelypody	G5/[SH]	Disjunct	Whc	PT	Reports from Clallam Co are misidentified; Klickitat Co record was cultivated; last observed in WA in 1890
<i>Cirsium edule</i> var. <i>wenatchense</i> Wenatchee thistle	G4TNR/ [S1S2]	LocEnd	Che, Ktt	EC	Known from 3 extant and 5 historical occurrences
<i>Cirsium flodmanii</i> Flodman's thistle	G5/[S1]	Periph	Oka	OK	Known from 1 extant occurrence.
<i>Cirsium inamoenum</i> var. <i>inamoenum</i> ( <i>C. subniveum</i> ) Greene's thistle	G4T4/[S1]	Periph	<u>Col</u>	BM	Known from 1 extant occurrence; This specimen may be a hybrid with <i>C. undulatum</i> or be <i>C. nevadense</i> .
<i>Coptis occidentalis</i> Idaho goldthread	G4G5/[S1]	RegEnd	Peo, Spo, Ste	CR	Known from 3 extant and 3 historical populations; may be under-reported
<i>Corallorhiza maculata</i> var. <i>ozettensis</i> Ozette coral-root	G5T3/[S1]	LocEnd	Clm	PC	Known from a single confirmed collection in 1984, many other reports are misidentified; may be taxonomically insignificant
<i>Corispermum americanum</i> var. <i>americanum</i> American bugseed	G5?T5?/ [S1]	Periph	Aso, Kli, Wht	BM, CP, EC	Known from 1 extant and 2 historical records
<i>Corispermum hookeri</i> var. <i>pseudodeclinatum</i> Hooker's bugseed	G4G5T2T3/ [S1]	RegEnd	Gra, Oka	CP, OK	Known from 2 extant occurrences
<i>Crassula solieri</i> Smooth-seed pygmyweed	G4G5/[S1]	Periph	Kli	EC	Known from 2 extant populations, first documented in 2017
* <i>Crataegus tenuior</i> Slender hawthorn	GNR [G2?]/ [S1]	RegEnd	Oka	OK	Known from 1 extant population
<i>Cryptantha simulans</i> Pinewoods cryptantha	G4/[S1S2]	Sparse	Che, Col, Kli, Ktt, Waw	BM, CP, EC	Known from 3 extant and 5 historical populations
<i>Cuscuta suksdorfii</i> Mountain dodder	G3?/[S1]	Sparse	Peo, Skm, Spo	CP, CR, EC	Known from 1 extant and 3 historical populations but probably under-sampled
<i>Cyperus acuminatus</i> Sharp-pointed flatsedge	G5/[S1]	<u>Sparse</u>	<u>Ben</u> , Kli, Wht	CP, EC	Known from 1 extant and 2 historical occurrences
<i>Cyperus lupulinus</i> ssp. <i>lupulinus</i> Great Plains flatsedge	G5T5?/[S1]	Disjunct	Aso, <del>Kin</del>	BM, <del>PT</del>	Known from 1 extant occurrence, King Co population is introduced.

Washington Review List 1					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Delphinium stachydeum</i> Hedgenettle larkspur	G5/[SH]	Sparse	Clm?, Lew?	BM?, PC?, WC?	Reports from Clallam and Lewis counties are historical (last obs 1967) and may be misidentifications. Reported from SE WA in Hitchcock & Cronquist (2018) but no specimens in Consortium of Pacific NW Herbaria website
<i>Draba platycarpa</i> Broad-pod whitlow-grass	G4G5Q/ [SH]	Disjunct	Aso, Kli	BM, EC	Known from 2 historical occurrences, last observed in 1927
<i>Dracocephalum parviflorum</i> American dragonhead	G5/[S1 S2]	Sparse	Aso, Che?, Fer, Kin?, Oka, Peo, Sno?, Spo	BM, CP, CR, <u>EC?</u> , NC?, OK	Known from 2 extant and 10 historical records, but many reports are questionable
<i>Eleocharis geniculata</i> Capitate spike-rush	G5/[SH]	Disjunct	Che	EC	Known from 1 historical occurrence, last observed in 1892. Confusion over whether WA reports of this species and <i>E. atropurpurea</i> are the same taxon.
<i>Eleocharis uniglumis</i> Onescale spike-rush	G5?Q/[SH]	Sparse	Gra	CP	Known from one historical record, last observed in 1935
<i>Elymus lanceolatus</i> ssp. <i>psammophilus</i> Sand-dune wheatgrass	G5T3/[S1]	RegEnd	<u>Ben</u> , Che?, Fra, Gra, <u>Kli</u>	CP, EC	Known from 4 extant and 2 historical populations
<i>Epilobium campestre</i> ( <i>Boisduvalia glabella</i> , <i>E.</i> <i>pygmaeum</i> ) Smooth willowherb	G5/[S1 S2]	Sparse	Ben, Gra, Kli, Ktt, Spo, Wht	CP, EC	Known from 5 extant and 4 historical sites
<i>Erigeron flettii</i> Flett's fleabane	G3 [G2]/S3 [S2]	LocEnd	Jef, Mas	PC	Known from 9 extant and 7 historical occurrences
<i>Erigeron inornatus</i> var. <i>inornatus</i> California rayless fleabane	G5T4T5/ [S1]	Periph	Kli, Oka, Yak	EC, OK	Known from 2 extant and 3 historical occurrences
<i>Erigeron poliospermus</i> var. <i>cereus</i> Hairy-seeded daisy	G4T3?/[S2]	RegEnd	Che, Dou, Gra, Ktt, Yak	CP, EC	Known from 9 extant and 7 historical occurrences
<i>Eriogonum marifolium</i> var. <i>marifolium</i> Mountain buckwheat	G4G5TNR/ SNR	Periph	Yak?	CP?, EC?	Reported; distribution and abundance in Washington needs to be confirmed.
<i>Erythranthe inflatula</i> ( <i>Mimulus evanescens</i> ) Disappearing monkeyflower	G3/[SH]	Periph	Kli, Spo	CP, EC	Known from 3 historical records, last observed in 1916
<i>Eucephalus glaucescens</i> ( <i>Aster glaucescens</i> , <i>A.</i> <i>engelmannii</i> var. <i>glaucescens</i> ) Klickitat aster	G2G3/[S2]	RegEnd	Kli, Skm, Yak	EC	Known from 4 extant and 6 historical occurrences
<i>Eurybia sibirica</i> ( <i>Aster sibiricus</i> var. <i>s.</i> ) Siberian aster	G5/[S1]	Periph	Che, Whc	EC, NC	Known from 1 extant and 3 historical occurrences; some WA reports may be <i>Eurybia merita</i> ; confirmation needed.
<i>Gilia inconspicua</i> Shy gily-flower	G5/[S2]	Sparse	Ben, Fra, Gra, Ktt, Yak	CP	Known from 5 extant and 5 historical occurrences, but easily overlooked
* <i>Hackelia diffusa</i> var. <i>cottonii</i> Cotton's stickseed	G4T4/ [S1 S2]	RegEnd	Ben, Kli, Yak	CP	Known from 4 extant and 2 historical occurrences
<i>Hedysarum sulphurescens</i> White sweetvetch	G5/[S1 S2]	Periph	Oka, Ste	OK	Known from 3 extant and 4 historical occurrences
<i>Heterotheca villosa</i> var. <i>foliosa</i> ( <i>Chrysopsis villosa</i> var. <i>foliosa</i> ) Hairy false goldenaster	G5T5?/ [S1 S2]	Periph	Aso, Che, Gar, Kli, Ktt, Spo, Ste, Wht	BM, CP, EC, OK	Known from 2 extant and 11 historical occurrences

Washington Review List 1					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Hierochloa odorata</i> ( <i>Anthoxanthum hirtum</i> ) Common northern sweetgrass	G5/[S2]	Sparse	Ben, Che, Dou, Kli, Ktt, Oka, Peo, Skg, Skm, Spo, Ste, Wht, Yak	CP, CR, EC, NC, OK, PT	Known from at least 7 extant and 12 historical occurrences, threats may be high from over-harvest; better information needed on status.
<i>Horkelia fusca</i> var. <i>capitata</i> Bighead horkelia	G5TNR/ [S1]	Periph	Col	BM	Known from 4 extant and 1 historical occurrences; may be habitat in NE WA
<i>Hulsea nana</i> Dwarf alpinegold	G4/[S1 S2]	RegEnd	Lew, Pie, Skm, Yak	EC, WC	Known from 5 extant and 5 historical occurrences
<i>Isöetes howellii</i> Howell's quillwort	G4G5/[S2]	Sparse	Kli, Lin, Peo, Spo, <u>Ste</u> , Whk	CP, CR, EC, <u>OK</u> , PC	Known from 7 extant and 9 historical occurrences
<i>Juncus alpinoarticulatus</i> Northern rush	G5/[S1 S2]	Sparse	Che, Clm, Kli, Peo, Saj, Whc	CR, EC, NC, PC, PT	Known from 2 extant and 8 historical occurrences
<i>Juncus vaseyi</i> Vasey's rush	<u>G5</u> /[S1]	Periph	Peo, <del>Pie</del>	CR, <del>WC</del>	Known from 1 extant occurrence
<i>Kobresia myosuroides</i> Bellardi bog sedge	G5/[S1]	Periph	Oka	OK	Known from 1 extant & 1 historical records
<i>Lasthenia maritima</i> Seaside goldfields	G4/[S1]	Periph	Clm, Isl?	PC, PT?	Known from 3 extant and 4 historical record
<i>Lasthenia minor</i> Coastal goldfields	G3G4/[S1]	Disjunct	Clm, Skg	PC, PT	Known from 1 extant and 1 historical records
<i>Lathyrus lanszwertii</i> var. <i>bijugatus</i> ( <i>L. bijugatus</i> ) Pinewoods peavine	G4T4/[S2]	RegEnd	Col, Skm?, Spo, Ste, Wht	BM, CP, <u>CR</u> , OK	Known from 5 extant and 17 historical occurrences
<i>Lathyrus ochroleucus</i> Cream peavine	G5/[S1 S2]	Periph	Oka, Peo, Waw, Wht	BM, CP, CR, OK	Known from 2 extant and 6 historical occurrences
<i>Leptosiphon nuttallii</i> ssp. <i>pubescens</i> ( <i>Linanthus nuttallii</i> var. <i>p.</i> ) Hairy Nuttall's linanthus	G5TNR [T4]/[S1]	Disjunct	Che, Ktt	EC	Known from 1 extant and 3 historical records
<i>Leymus triticoides</i> ( <i>Elymus triticoides</i> ) Beardless wildrye	G4G5/[SH]	Widesp	Ben, Dou, Kli, Ktt, Oka, Waw, Wht, Yak	CP, EC, OK	Known from 20 historical occurrences. Last confirmed native population observed in 1963; status poorly known.
<i>Lipocarpha occidentalis</i> ( <i>Hemicarpha occidentalis</i> ) Western halfchaff sedge	G5/[SH]	Disjunct	Kli	EC	Known from 1 historical record, last observed in 1886.
<i>Lupinus lepidus</i> var. <i>utahensis</i> Utah prairie lupine	G5T5?/[SH]	Disjunct	Oka	OK	Known from 1 historical occurrence, last observed in 1933.
<i>Luzula cascadenis</i> ( <i>L. campestris</i> var. <i>columbiana</i> ) Cascades woodrush	G3/[S1]	Periph	Skm	EC	Known from 3 extant occurrences in WA
<i>Malvella leprosa</i> Alkali mallow	G5/[S1]	Sparse	Fra, Oka, Yak	CP, OK	Known from 1 extant and 5 historical occurrences
<i>Micranthes gormanii</i> Gorman's saxifrage	G3?/[S1]	RegEnd	Lew, Pac	PC	Known from 2 extant occurrences
<i>Microseris laciniata</i> ssp. <i>leptosepala</i> Cutleaf silverpuffs	G4TNR/ [SH]	RegEnd	Kli	EC	Known from 1 historical occurrence, last observed in 1939; other reports are misidentified
<i>Muhlenbergia andina</i> Foxtail muhly	G4/[S1]	Periph	Oka, Peo	CR, OK	Known from 1 extant & 1 historical population

Washington Review List 1					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Muhlenbergia mexicana</i> Mexican muhly	G5/[S1S2]	Periph	Aso, Kli, Peo, Spo, Wht	BM, CP, CR, EC	Known from 5 extant and 5 historical populations; some WA reports may be introductions
<i>Myriophyllum ussuriense</i> Ussurian water-milfoil	G4/[S1]	Periph	Whk	PC	Known from 1 extant occurrence in WA
<i>Navarretia breweri</i> Brewer's pincushion plant	G4G5/[S1]	Sparse	Dou, Kin, Ktt, Yak	CP, EC, <u>WC</u>	Known from 3 extant & 4 historical reports
<i>Navarretia sinistra</i> ( <i>Gilia sinistra</i> ) Alva Day's pincushion plant	G4G5/[S1]	Sparse	Ben, Ktt, <u>Yak</u>	CP, EC	Known from 1 extant and 2 historical records.
<i>Nemophila kirtleyi</i> Snake Canyon baby blue-eyes	G4/[S1]	RegEnd	Aso, Gar, Wht	BM, CP	Known from 1 extant and 7 historical occurrences
<i>Orthocarpus barbatus</i> Grand Coulee owl's-clover	G2G3/ [S2S3]	RegEnd	Ben, Che, Dou, Gra, Lin, Oka	CP, EC, OK	Known from at least 10 extant and 14 historical occurrences; impacts from recent wildfires poorly known
<i>Oxytropis campestris</i> var. <i>cusickii</i> Slender crazyweed	G5T5/[S1]	Sparse	Ktt, Oka	EC, OK	Known from 3 extant and 4 historical occurrences
<i>Oxytropis deflexa</i> var. <i>sericea</i> Pendent-pod crazyweed	G5T5/[SH]	Periph	Oka	OK	Known from 1 historical occurrence, last observed in 1933
<i>Ozomelis diversifolia</i> ( <i>Mitella diversifolia</i> ) Varied-leaved mitrewort	G5/[S1]	RegEnd	Kli	EC	Known from 1 extant and 3 historical occurrences, rediscovered in 2020
<i>Parnassia parviflora</i> Small-flower grass of Parnassus	G4/[S1]	Periph	Peo	CR	Known from 2 extant & 1 historical occurrences
<i>Pellaea glabella</i> ssp. <i>simplex</i> Smooth cliffbrake	G5T4?/ [S1S2]	Sparse	Dou, Fer, Gra, Kli, Ktt, Peo, Ste	CP, CR, EC, OK	Known from 6 extant and 3 historical occurrences
<i>Penstemon ellipticus</i> Rocky ledge beardtongue	G4G5/ [S1S2]	Periph	<del>Kli</del> , Peo, Ste	CR, <del>EC</del>	Known from 3 extant and 4 historical occurrences
<i>Penstemon eriantherus</i> var. <i>eriantherus</i> Fuzzytongue beardtongue	G4G5T4T5/ [S1]	Periph	Aso, Peo, Ste	BM, CR	Known from at least 4 extant occurrences (fifth historical record from Spokane Co may have been cultivated)
<i>Penstemon lyallii</i> Lyal's beardtongue	G4/[SH]	RegEnd	Col?, Peo	CP?, CR	Known from 2 historical records, last observed in 1974.
<i>Phacelia bolanderi</i> Bolander's phacelia	G4/[S1]	Periph	Pac, Whk	PC	Known from 1 extant and 2 historical occurrences
<i>Phacelia glandulifera</i> ( <i>P. ivesiana</i> var. <i>glandulifera</i> ) Sticky phacelia	G5/[S1]	Sparse	Ben, Che, Dou, Fra, Gra, Ktt, Yak	CP, EC	Known from 1 extant and 7 historical occurrences; populations are small
<i>Phacelia mutabilis</i> ( <i>P. heterophylla</i> var. <i>pseudohispida</i> ) Changeable scorpion-weed	G4/[S1]	Periph	Aso, Clm, Pie, Whc	BM, NC, PC, WC	Known from 1 extant and 8 historical occurrences.
<i>Phlox colubrina</i> Snake River phlox	G4/[S1]	RegEnd	Aso, Yak?	BM, CP?	Known from 3 extant and 2 historical records
<i>Phlox mollis</i> Soft phlox	G2G3/[S1]	RegEnd	Aso	BM	Known from 1 occurrence, population is atypical- need to compare vs <i>Phlox</i> <i>solivaga</i>
<i>Physostegia parviflora</i> Western false dragonhead	G4G5/[S2]	Sparse	Ben?, Che, Clk, Cow, Kli, Oka, Peo, Pie, Skm, Spo, Ste	CP?, CR, EC, OK, PT, WC	Known from 6 extant and 10 historical occurrences; trend may be down

Washington Review List 1					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Platanthera aquilonis</i> ( <i>Habenaria hyperborea</i> ) Northern green bog orchid	G5/[S1]	Periph	Fer, Kin, Oka, Pie, Sno	NC, OK, WC	Known from 1 extant and 4 historical records, but full distribution is poorly known (traditionally included in <i>P. hyperborea</i> and difficult to differentiate from <i>P. huronensis</i> ).
<i>Platanthera ephemerantha</i> ( <i>Piperia candida</i> ) Whiteflower rein orchid	G3?/[S1]	Sparse	<u>Clm</u> , <u>Jef</u> , Kit, Lew, <u>Skm</u>	<u>PC</u> , PT, WC	Known from 5 extant and 1 historical occurrences
* <i>Platanthera sparsiflora</i> ( <i>Habenaria s.</i> , <i>Limnorchis s.</i> ) Canyon bog orchid	G4G5/[SH]	Periph	Skm	EC	Known from 1 historical occurrence, last observed in 1980. Other reports are misidentifications of <i>P. stricta</i>
<i>Polanisia dodecandra</i> var. <i>trachysperma</i> Sandyseed clammyweed	G5T5?/[SH]	Disjunct	<u>Waw</u>	<u>CP</u>	Known from 1 historical record in WA collected by George N. Jones in 1934 (Harvard Univ. herbarium)
<i>Polygonum californicum</i> California knot weed	G5/[SH]	Periph	Kli	CP, EC	Known from 4 historical records, last observed in 1927.
* <i>Polystichum braunii</i> Braun's hollyfern	G5/[S1]	Periph	Peo	CR	Known from 1 extant occurrence
<i>Potamogeton fibrillosus</i> ( <i>P. foliosus</i> ssp. <i>fibrillosus</i> ) Leafy pondweed	<u>G2G4</u> /[S1]	Periph	Pie, Whk	PC, PT	Known from 1 extant and 1 historical record, but probably under-collected
* <i>Prunus americana</i> American plum	G5/[S1]	Periph	Wht	CP	Known from 2 native extant occurrences; other reports from WA are cultivated
<i>Psilocarphus tenellus</i> Slender woolly marbles	G4/[S2]	Sparse	<u>Aso</u> , Lin, Saj, Whc, Yak	<u>BM</u> , CP, EC, PT	Known from 6 extant and 3 historical records, but may be under-collected.
<i>Pyrrocoma hirta</i> var. <i>hirta</i> ( <i>Haplopappus hirtus</i> var. <i>hirtus</i> ) Hairy goldenweed	G4G5T3/ [S1]	Periph	Col	BM	Known from 1 extant record in WA
<i>Ranunculus pygmaeus</i> Dwarf buttercup	G5/[S1]	Periph	Oka, Yak	EC, OK	Known from 3 extant and 1 historical reports
<i>Rudbeckia alpicola</i> ( <i>R. occidentalis</i> var. <i>alpicola</i> ) Washington coneflower	<u>G3G4</u> /[S2]	RegEnd	Che, Ktt	EC	Known from 8 extant and 7 historical occurrences; nearly endemic to Wenatchee Mountains of WA
* <i>Rumex crassus</i> ( <i>R. salicifolius</i> var. <i>crassus</i> ) Fleshy willow dock	G5T5/[S1]	Periph	Grh	PC	Known from 1 extant occurrence in WA, documented in 2019
* <i>Rumex persicarioides</i> ( <i>R. maritimus</i> var. <i>p.</i> ) Seaside dock	G4G5/[S1]	Periph	Clm, Grh	PC	Known from 2 extant and 1 historical occurrence
<u><i>Rumex salicifolius</i> var.</u> <u><i>angustivalvis</i></u> ( <i>R. hesperius</i> ) Western willow dock	G5TNR [T1] /[S1]	RegEnd	Kli, Oka, Pie, Sno	<u>EC</u> , OK, PT, WC	Known from 2 extant and 2 historical occurrences, but can be difficult to distinguish from related taxa and probably under-collected; Considered endemic to WA by FNA, but recently documented in ID by Curtis Björk
<i>Sagina maxima</i> ssp. <i>maxima</i> Sticky-stem pearlwort	G5T5/[S1]	Periph	Clm, Saj, Skg	PC, PT	Known from 5 extant and 2 historical occurrences
<i>Salix brachycarpa</i> Small-fruit willow	G5/[S1]	Sparse	Ktt, Oka?, Peo?	CR?, EC, OK?	Known from 1 extant and 3 historical occurrences and 2-3 recent observations in Oka and Peo counties.
<i>Salix monochroma</i> ( <i>S. eriocephala</i> var. <i>m.</i> ) One-color willow	G4G5/[S1]	RegEnd	<u>Ada</u> , Aso, Che, Waw	BM, CP, EC	Known from 2 extant and 2 historical occurrences, probably under-sampled

Washington Review List 1					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Sandbergia whitedii</i> ( <i>Halimolobos whitedii</i> ) Whited's rockcress	G3?/[S2]	RegEnd	Che, Dou, Gra, Lin, Oka	CP, EC, OK	Known from 5 extant and 12 historical records
<i>Scirpus pallidus</i> Pale bulrush	G5/[S2]	Periph	Aso, Col, Fra, Kli, Ste, Waw, Whc, Wht	CP, CR, EC, PT	Known from 3 extant and 5 historical occurrences
<i>Scutellaria angustifolia</i> ssp. <i>micrantha</i> Narrowleaf skullcap	G5T3T5/ [S1]	Disjunct	Fer, Oka, Peo	CR, OK	Known from 4 extant occurrences
<i>Sidalcea campestris</i> Meadow checkermallow	G4/[S1?]	RegEnd	Clk?	PT?	Grh and Kin Co populations probably introduced; Clk Co may be native but possibly a hybrid; more research needed
<i>Silene bernardina</i> Palmer's catchfly	G3?/[S1]	Disjunct	Yak	EC	Known from 1 extant and 1 historical occurrence
<i>Silene douglasii</i> var. <i>rupinae</i> Douglas' catchfly	G5TNR [T3]/[S1]	RegEnd	Che, Kli, Skm	EC, WC	Known from 1 extant and 4 historical occurrences
<i>Silene scouleri</i> ssp. <i>hallii</i> Hall's catchfly	G5TNR[T4]/ SNR	Periph	reported	CP?	Reported for WA in <i>Flora of North America</i> and Hitchcock & Cronquist (2018), but no records in Consortium of Pacific NW Herbaria database
<i>Stellaria humifusa</i> Saltmarsh sandwort	G5/[S1]	Sparse	Clm, Grh, Pac, <del>Sno</del>	NC, PC	Known from 1 extant and 3 historical occurrences
<i>Stuckenia filiformis</i> ssp. <i>occidentalis</i> ( <i>Potamogeton</i> f. var. <i>o.</i> ) Western fineleaf pondweed	G5T5/[S2]	Periph	Klt, Oka, Skg, Spo, Whc, Yak	CP, NC, OK, PT	Known from 4 extant and 3 historical occurrences, but probably under-sampled; taxonomic questions about varieties
<i>Subularia aquatica</i> ssp. <i>americana</i> American awlwort	G5T5/[S2]	Periph	Che, Clm, Whc	EC, NC, PC, PT	Known from 2 extant and 5 historical occurrences, but probably under-sampled
* <i>Taraxacum alaskanum</i> Dwarf alpine dandelion	G5/[S1]	Periph	Skg	NC	Known from 2 extant occurrences
* <i>Taraxacum scopulorum</i> ( <i>T. lyratum</i> ) Alpine dandelion	GNR[G5]/ [S1]	Periph	Whc	NC	Known from 1 extant and 1 historical occurrence
<i>Tiquilia nuttallii</i> Rosette crinkleemat	G5/[S2]	Sparse	Ben, Dou, Fra, Gra, Yak	CP	Known from 8 extant and 5 historical records in WA
<i>Trichophorum alpinum</i> Alpine bulrush	G5/[S1]	Periph	Peo	CR	Known from 1 extant occurrence, but may be under-surveyed
<i>Trichostema oblongum</i> Oblong bluecurls	G5/[S2]	Periph	Che, Col, Kli, Spo, Waw, Wht	BM, CP, EC	Known from at least 6 extant and 5 historical occurrences
<i>Triglochin striata</i> Three-rib arrowgrass	G5/[S2]	Sparse	Grh, Pac	PC	Known from 6 extant occurrences
<i>Uropappus lindleyi</i> ( <i>Microseris lindleyi</i> ) Lindley's silverpuffs	G5/[S2]	Sparse	Aso, Che, Kli, Ste, Wht	BM, CP, EC, OK	Known from 7 extant and 8 historical occurrences
<i>Valeriana acutiloba</i> var. <i>pubicarpa</i> ( <i>V. pubicarpa</i> ) Downy-fruit valerian	G5T4T5/ [S1]	Periph	Ste	CR	Known from 1 extant occurrence; need to compare with <i>Valeriana occidentalis</i>
<i>Valeriana occidentalis</i> Western valerian	G5/[S1]	Periph	Aso	BM	Known from 1 extant and 1 historical occurrences
<i>Verbena stricta</i> Hoary verbena	G5/[S1]	Periph	Ste	OK	Known from 1 extant and 1 historical occurrences



Washington Review List 1					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Veronica missurica</i> ssp. <i>stellata</i> ( <i>Synthyris m.</i> ssp. <i>stellata</i> ) Columbia Gorge kittentails	G4T4 [T3?]/[S1]	RegEnd	Kli, Ktt, Skm	EC	Known from 2 extant and 5 historical occurrences
<i>Viola flettii</i> Olympic violet	G3 [G2]/S3 [S2]	LocEnd	Clm, Jef, Mas	PC	Known from 18 extant occurrences; threats from climate change make this species vulnerable
<i>Viola howellii</i> Howell's violet	G4/[S1?]	RegEnd	Kli	EC	May be known from 1 extant and 4 historical occurrences in Columbia River Gorge; other reports from western WA may be <i>V. adunca</i> . Thorough review of specimens is needed. If other WA reports are correct, the species is probably S2S3 in WA and not of concern
<i>Viola sororia</i> ( <i>V. septentrionalis</i> ) Woolly blue violet	G5/[S1 S2]	Periph	Peo, Spo, Ste, Whc?	CP, CR, OK, <u>PT?</u>	Known from at least 5 extant and 3 historical occurrences. Reports from Klickitat Co are based on cultivated plants

## Appendix B. WNHP Vascular Plant Review List 2

Washington Review List 2					
Species Common Name	Heritage Rank	Dist. Pattern	County	Eco- region	Comment/Information Needs
<i>Arceuthobium tsugense</i> ssp. <i>contortae</i> Shore pine dwarf mistletoe	G5TNR [T3]/[S1]	RegEnd	Saj	PT	Known from 2 extant occurrences; taxonomic issues need to be resolved (some authors lump this under <i>A. campylopodum</i> ssp. <i>tsugense</i> )
<i>Balsamorhiza deltoidea</i> Puget balsamroot	G5/[S2S3]	Widesp	Clk?, Isl, Kli, Pie, SkM?, Thu	EC, PT	Known from at least 13 extant and 17 historical occurrences, some taxonomic questions due to hybridization with <i>B. careyana</i> along Columbia River. Reports from C WA (Ada, Col, Fra, Gra, Ktt, Wht, Yak) are probably misidentifications.
<i>Castilleja lutea</i> Cusick's paintbrush	GNR/SNR	RegEnd	?	BM? CP?	Localized form in SE Washington and adjacent ID and OR? Considered a synonym of <i>Castilleja cusickii</i> in Flora of North America, but ongoing taxonomic work may result in it being recognized.
<i>Claytonia umbellata</i> Great Basin springbeauty	G5?/[S1]	Disjunct	Ktt	EC	Wenatchee Mountains population could be an undescribed taxon
<i>Delphinium basalticum</i> Basalt larkspur	G2G3/SNR	LocEnd	SkM?	WC?	Reported for WA; probably a depauperate form of <i>D. trollifolium</i>
<i>Erigeron sp. novum</i> fleabane	GNR/SNR	RegEnd	?	BM?	More information needed on abundance and distribution in WA after species is published
<i>Lomatium brevifolium</i> "pugetense" Puget Sound biscuitroot	GNR/ [S1S2]	LocEnd	Grh, Lew, Thu	PC, PT	Known from at least 4 extant occurrences in South Puget Sound prairies
<i>Lomatium brevifolium</i> "wowii" Mt. Wow biscuitroot	GNR/[S2]	RegEnd	Che, Ktt?, Oka, Pie, SkM	EC, OK, WC	Cascade and Okanogan mountain phase of <i>L. brevifolium</i> ; more taxonomic study needed
* <i>Lomatium sp. novum</i> Mt. Aix biscuitroot	GNR/SNR	LocEnd?	Yak	EC	Recently documented and undescribed taxon
<i>Mertensia brachycalyx</i> ( <i>M. laevigata</i> var. <i>b.</i> ) Short-sepal bluebells	GNR/[S1]	RegEnd	Che, Yak	EC	Known from 1 extant and 1 historical occurrences; recently resurrected from synonymy with <i>M. paniculata</i> ; more research needed on validity and distribution
<i>Packera sp. novum</i> ragwort	GNR/SNR	?	Gar	?	More information needed on abundance and distribution in WA after species is published
<i>Penstemon cinereus</i> ssp. <i>foliatus</i> Gray penstemon	G4QTNR/ SNR	RegEnd	Ada, Gra, Kli, Ktt, Yak	CP, EC	Recently split from <i>P. humilis</i> ; abundance and status in WA still poorly known until all collections are annotated, not recognized in vol 17 of <i>Flora of North America</i>
<i>Ranunculus sp. novum</i> buttercup	GNR/SNR	LocEnd	Kli	CP?, EC?	More information needed on range and status once taxon is formally described.
<i>Silene sp. novum</i> catchfly	GNR/SNR	?	?	?	More information needed on abundance and distribution in WA after species is published