

Washington Flora Checklist

A checklist of the Vascular Plants of Washington State Hosted by the University of Washington Herbarium

Family: Rosaceae

168 terminal taxa (species, subspecies, and varieties).

The Washington Flora Checklist aims to be a complete list of the native and naturalized vascular plants of Washington State, with current classifications, nomenclature and synonymy.

Taxa included in the checklist:

- Native taxa whether extant, extirpated, or extinct.
- Exotic taxa that are naturalized, escaped from cultivation, or persisting wild.
- Waifs (e.g., ballast plants, escaped crop plants) and other scarcely collected exotics.
- Interspecific hybrids that are frequent or self-maintaining.
- Some unnamed taxa in the process of being described.

Family classifications follow [APG IV](#) for angiosperms, PPG I (J. Syst. Evol. 54:563-603. 2016.) for pteridophytes, and Christenhusz et al. (Phytotaxa 19:55-70. 2011.) for gymnosperms, with a few exceptions. Nomenclature and synonymy at the rank of genus and below follows the [2nd Edition of the Flora of the Pacific Northwest](#) except where superseded by new information.

Accepted names are indicated with **blue type**, synonyms with **gray type**.

Native species and infraspecies are marked with **bold-face type**.

*Non-native and introduced taxa are preceded by an asterisk.

Please note: This is a working checklist, continuously updated. Use it at your discretion.

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Available online at <https://burkeherbarium.org/waflora/>

Comments and questions should be addressed to the checklist administrators:

David Giblin (dgiblin@uw.edu)

Peter Zika (zikap941@gmail.com)

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Dicots:

Rosaceae [HC, HC2] Rose Family

Rosaceae is treated in FNA Volume 9, the publication date of which is uncertain as of December 2009. Taxonomic and nomenclatural changes contained in draft treatments for that volume began to be incorporated here in October 2008. Isolated bird-sown individuals of several additional species of *Cotoneaster* have been seen in King Co., but they are not considered naturalized yet; they can be identified using the keys in Stace (1997) or Fryer and Hylmo (1995).

Agrimonia [HC, HC2]

agrimony

Amelanchier [HC, HC2]

serviceberry, shadbush

Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. [HC, HC2]

Fam. Nat. Syn. Monogr. 3: 147. 1847 1847.

saskatoon, serviceberry

Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *alnifolia* [HC]
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *cusickii* (Fernald) C.L. Hitchc. [HC]
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *florida* Schneid.
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *humptulipensis* (G.N. Jones) C.L. Hitchc. [HC]
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *pumila* (Torr. & A. Gray) C.K. Schneid. [HC]
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *semiintegrifolia* (Hook.) C.L. Hitchc. [HC]
Amelanchier basalticola Piper
Amelanchier canadensis (L.) Medik. var. *pumila* Torr. & A. Gray
Amelanchier canadensis var. *semiintegrifolia* Farw.
Amelanchier cuneata Piper
Amelanchier cusickii Fernald [FNA9]
Amelanchier ephemero-tricha Suksd.
Amelanchier ephemero-tricha Suksd. var. *silvicola* Suksd.
Amelanchier florida Lindl.
Amelanchier florida Lindl. f. *tomentosa* Sealy
Amelanchier florida Lindl. var. *cusickii* (Fernald) M. Peck
Amelanchier florida Lindl. var. *humptulipensis* G.N. Jones
Amelanchier florida Lindl. var. *parvifolia* Loud
Amelanchier gormani Greene
Amelanchier ovalis Medik. var. *semiintegrifolia* Hook.
Amelanchier oxyodon Koehne
Amelanchier parvifolia Hort. ex. Loud Arb & frut.
Amelanchier polycarpa Greene
Amelanchier pumila (Torr. & A. Gray) Nutt. ex M. Roem.
Amelanchier vestita Suksd.

The treatment here does not follow the taxonomy in FNA Rosaceae. The extensive overlap in morphology among putative *Amelanchier* taxa makes writing a diagnostic key among them untenable. At the species level, differences in ploidy level have been documented, however finding morphological traits that reliably distinguish among these species appears inconclusive at this time.

Amelanchier utahensis Koehne [HC, HC2, JPM2]

in Wissensch. Progr. Falk. Realgymnas. Berlin. 1890.

Utah serviceberry

Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *oreophila* (A. Nelson) R.J. Davis
Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *utahensis* (Koehne) M.E. Jones
Amelanchier australis Standl.
Amelanchier bakeri Greene

Amelanchier glabra Greene
Amelanchier goldmanii Wooton & Standl.
Amelanchier gracilis A. Heller
Amelanchier mormonica C.K. Schneid.
Amelanchier oreophila A. Nelson
Amelanchier utahensis Koehne var. *oreophila* Clokey
Amelanchier utahensis Koehne var. *utahensis* [JPM2]

Aphanes [HC2]

parsley-piert

**Aphanes arvensis* L. [HC2, Stace 1997]

Species Plantarum 1: 123. 1753.
western lady's-mantle, field parsley-piert

Alchemilla arvensis (L.) Scop.

**Aphanes australis* Rydb. [HC2, Stace 1997]

In N. L. Britton et al., N. Amer. Fl. 22: 380. 1908.
small-fruited parsley-piert

Aphanes inexpectata W. Lippert
Aphanes microcarpa (Boiss. & Reut.) Rothm., misapplied

Draft FNA: "*Aphanes microcarpa* (Boissier & Reuter) Rothmaler (*Alchemilla microcarpa* Boissier & Reuter) is endemic to the western Mediterranean region and is not present in North America. Plants native to other parts of Europe and introduced in North America, misidentified as *A. microcarpa*, were described in 1984 as a new species, *A. inexpectata* W. Lippert; this species had previously been described by Rydberg as *A. australis* from plants introduced to the eastern United States."

***Aphanes occidentalis* (Nutt.) Rydb. [HC2, IFBC]**

North American Flora 22(4): 380. 1908.
western parsley-piert

Alchemilla cuneifolia Nutt.
Alchemilla occidentalis Nutt. [HC]
Aphanes cuneifolia (Nutt.) Rydb.
Aphanes macrosepala Rydb.

FNA9: "Three races of *Aphanes occidentalis* are recognizable, apparently corresponding to previously described species. Because some apparently intermediate plants exist and, as not all specimens can be confidently assigned to these races, they are not being recognized formally here. It is also possible that they represent independent introductions rather than native species, although no European or North African species are known with the characters they exhibit."

**Aronia* [HC2]

**Aronia melanocarpa* (Michx.) Elliott [FNA9, HC2]

Sketch Bot. S. Carolina. 1: 557. 1821.
black chokeberry
Collected (2008) near cranberry bog in Pacific County.

***Aruncus* [HC, HC2]**

goatsbeard

***Aruncus dioicus* (Walter) Fernald [HC2]**

Rhodora 41: 423. 1939.
sylvan goatsbeard

var. *acuminatus* (Rydb.) H. Hara [HC2, JPM]

J. Jap. Bot. 30(3): 68. 1955.
Sylvan goatsbeard
Aruncus acuminatus Rydb.
Aruncus sylvester Kostel. ex Maxim. ssp. *acuminatus* (Rydb.) Jeps.

Cercocarpus [HC, HC2]

mountain-mahogany

Cercocarpus ledifolius Nutt. [HC, HC2]

Fl. N. Amer. (Torr. & A. Gray) 1(3): 427 (-428). 1840.

mountain mahogany

var. intermontanus N.H. Holmgren [HC2, JPM]

Brittonia 39(4): 424-426, f. 1A-D. 1987.

birchleaf mountain-mahogany

Cercocarpus ledifolius Nutt. var. *intercedens* C.K. Schneid. [HC], misapplied

Cercocarpus ledifolius Nutt. var. *ledifolius* [FNA9, HC, HC2], misapplied

var. ledifolius [FNA9, HC, HC2]

In J. Torrey and A. Gray, Fl. N. Amer. 1: 427. 1840.

mountain mahogany

Cercocarpus ledifolius Nutt. var. *intercedens* C.K. Schneid. [HC]

***Chaenomeles** [HC2]

Comarum [HC2]

marsh cinquefoil, marshlocks cinquefoil, purple cinquefoil

Comarum palustre L. [FNA9, HC2]

Sp. Pl. 1: 502. 1753.

marsh cinquefoil, purple marshlocks

Comarum palustris var. *villosum* Pers.

Potentilla palustris (L.) Scop. [HC]

Potentilla palustris (L.) Scop. var. *parvifolia* (Raf.) Fernald & Long

Potentilla palustris (L.) Scop. var. *villosa* (Pers.) Lehm.

Potentilla palustris (L.) Scop. var. *villosum* (Pers.) Lehm.

FNA9: " *Comarum palustre* is circumboreal; it occurs in a broad band across the northernmost United States and Canada as far north as the low arctic. Disjunct populations occur well to the north, as on Baffin and Victoria islands, and in the south, as in Gunnison County, Colorado, and the Uinta Mountains of Utah. Appropriate habitats are uncommon and geographically restricted in the southern part of the range, for example, in Idaho, Montana, and North Dakota.

Comarum palustre is sometimes divided into subspecies, varieties, and/or forms on the basis of vestiture, leaflet dimensions, and flower number (for example, M. L. Fernald and B. H. Long 1914; N. N. Tzvelev 2007). Because there is no existing consensus, and a global evaluation of the situation is beyond the scope of this work, no infraspecific taxa are recognized here. Within North America, northern populations tend to have broader leaflets and inflorescences composed of one to relatively few flowers with relatively short sepals and petals, but these differences are not consistent; similar plants occur in subalpine settings in the mountains well to the south. Chromosome numbers also vary, apparently not correlated with morphology or geography; some populations occasionally include individuals of different dispoloid and polyploid levels.

Horizontal stems were used occasionally by Native Americans as a medicinal aid in the treatment of dysentery and stomach cramps (D. E. Moerman 1998). Aquatic birds in particular eat the leaves and achenes.

***Cotoneaster** [HC2]

cotoneaster

***Cotoneaster atropurpureus** Flinck & B. Hylmö [HC2]

purple-flowering cotoneaster

***Cotoneaster dammeri** C.K. Schneid. [HC2]

Ill. Handb. Laubholz. [C.K.Schneider] i. 761. 1706.

bearberry cotoneaster

**Cotoneaster dammeri* C.K. Schneid. × *Cotoneaster salicifolius* Franch. [HC2]

**Cotoneaster dielsianus* E. Pritz. ex Diels [HC2]

Bot. Jahrb. Syst. 29(3-4): 385. 1900.

Diel's cotoneaster

**Cotoneaster divaricatus* Rehder & E.H. Wils. [HC2]

spreading cotoneaster

recently collected in King Co.

**Cotoneaster franchetii* Bois [HC2]

Rev. Hort. [Paris]. 379. 1902.

franchet's cotoneaster, orange cotoneaster

**Cotoneaster horizontalis* Decne. [HC2]

in Fl. des Serres Ser. II, xii. 168. 1877.

rock cotoneaster, rockspray cotoneaster, wall cotoneaster

**Cotoneaster lacteus* W.W. Sm. [HC2]

Notes Roy. Bot. Gard. Edinburgh 10: 23. 1917.

late cotoneaster, milk-flower cotoneaster

**Cotoneaster lucidus* Schltld. [HC2]

shiny cotoneaster

Collected in 1989 from Columbia Co. (Zika 2002).

**Cotoneaster rehderi* Pojark. [HC2]

bullate cotoneaster, puckered-leaf cotoneaster

Cotoneaster bullatus Bois, misapplied

**Cotoneaster salicifolius* Franch. [HC2]

willow-leaved cotoneaster

recently collected in King Co.

**Cotoneaster simonsii* Baker [HC2]

Refug. Bot. [Saunders] 1: t. 55. 1869.

Himalayan cotoneaster, Simon's cotoneaster

**Cotoneaster x suecicus* G. Klotz [HC2]

(= *Cotoneaster conspicuus* × *Cotoneaster dammeri*)

**Cotoneaster tengyuehensis* J. Fryer & B. Hylmö [HC2]

Tengyueh cotoneaster

recently collected in King Co., described in Fryer & Hylmo (1997)

Crataegus [HC, HC2]

haw, hawthorn, thornapple

Crataegus castlegarensis J.B. Phipps & O'Kennon [FNA9, HC2]

Sida 20(1): 121-127, f. 3-4. 2002.

Castlegar hawthorn

A black-fruited species related to *C. douglasii*, differing in pubescence, thorn characters, and fruit shape. It is known from dry soils in Thurston Co., and otherwise is widespread east of the Cascades.

Crataegus chrysocarpa Ashe [FNA9, HC2]

Bull. N. C. Exp. Sta. 175: 110. 1900.

fireberry hawthorn

Reported from Okanogan Co. by Phipps (1998). The varieties need more study, their ranges overlap greatly and the stated morphological differences seem minor.

**Crataegus x cogswellii* K.I. Chr. & T.A. Dickinson [HC2]

Oregon hybrid hawthorn

(= *Crataegus monogyna* × *Crataegus gaylussacia*)

***Crataegus douglasii* Lindl. [HC, HC2, JPM]**

Edwards's Bot. Reg. 8: pl. 1810.
black hawthorn, Douglas's hawthorn
(see also *Crataegus chrysocarpa*)

Crataegus columbiana Howell [HC, Peck]
Crataegus columbiana Howell var. *columbiana* [HC]
Crataegus douglasii Lindl. var. *douglasii* [HC]

Phipps (1995) lectotypified *C. columbiana*, choosing a black-fruited glabrous specimen that places it in synonymy with *C. douglasii*. *Crataegus columbiana* has usually been interpreted as a red-fruited plant, and this typification is controversial, see Holmgren (1997) and rebuttal by Phipps (1998). For discussion of the black-fruited hawthorns of our area see Love (1999), Dickinson and Love (1997), and Dickinson et al. (1996).

***Crataegus gaylussacia* A. Heller [FNA9, HC2]**

Bull. S. Calif. Acad. Sci. 2: 69. 1903.
huckleberry hawthorn, Suksdorf's hawthorn

Crataegus douglasii Lindl. var. *suksdorfii* Sarg. [HC]
Crataegus suksdorfii (Sarg.) Kruschke [JPM]

****Crataegus laevigata* (Poir.) DC. [FNA9, HC2]**

Prodr. 2: 630. 1825.
midland hawthorn, woodland hawthorn

Naturalized on Crane Island in San Juan Co., apparently the only wild population in North America (Phipps 1998). Wisskirchen and Haeupler (1998) place *C. oxyacantha* in synonymy with a different European species, *C. rhipidophylla* Gand, and note it is a rejected name.

***Crataegus macracantha* Lodd. ex Loudon [FNA9, HC2]**

Rhodora 10(113): 82. 1908.
large-thorned hawthorn, western large-thorned hawthorn

Crataegus succulenta Schrad. ex Link, misapplied

Taxonomy follows Phipps (1998). Found east of the Cascades. Can be difficult to separate from *C. chrysocarpa*. Nutlet pitting obvious only after drying.

****Crataegus monogyna* Jacq. [HC, HC2]**

Fl. Austriac. (Jacquin) 3: 50, t. 292, f. 1. 1775.
common hawthorn, one-seed hawthorn

***var. *monogyna* [FNA9, HC2]**

Fl. Austriac. 3: 50, pl. 292, f.1. 1775.
common hawthorn, English hawthorn, one-seeded hawthorn

***Crataegus okanaganensis* J.B. Phipps & O'Kennon [FNA9, HC2]**

Sida 18(1): 178-184, f. 5, 6 [map], 9d-f. 1998.
Okanagan hawthorn

A dark purple fruited species recently described from the Okanagan Valley of British Columbia (Phipps & O'Kennon 1998), and known from several counties in northeastern WA. Two varieties were proposed by Phipps and O'Kennon (2002).

***Crataegus okennonii* J.B. Phipps [FNA9, HC2]**

Sida 18(1): 170-178, f. 2, 3 [map], 4a-c,f. 1998.
O'Kennon's hawthorn

Recently described (Phipps & O'Kennon 1998) and found east of the Cascades. A segregate from *C. douglasii*, differing in its fruit shape, fruit waxiness, twig color, and larger flowers. It is often difficult to identify. A key to black-fruited taxa is provided in Phipps & O'Kennon (2002).

****Crataegus phaenopyrum* (L. f.) Medik. [FNA9, HC2]**

Gesch. Bot. (Medikus) 84. 1793.
Washington thorn

Uncommon in disturbed suburban/park settings; rarely escaping cultivation.

Crataegus phippsii O'Kennon [FNA9, HC2]

Sida 18(1): 185-190, f. 7, 8 [map], 9a-c. 1998.

Phipps's hawthorn

Described in Phipps & O'Kennon 1998. In Washington found only at low elevations in the Okanogan Valley, where it is rare. A striking red-purple fruited species, with its close allies in Series Molles in eastern North America.

Crataegus tenuior J.B. Phipps

J. Bot. Res. Inst. Texas 7(1): 281-289, f. 9c-d, 10, 11a, 12a. 2013.

slender red hawthorn

Known from northern Okanogan County.

Dasiphora [HC2]

shrubby cinquefoil

Dasiphora fruticosa (L.) Rydb. [Draft FNA, HC2]

Monogr. N. Amer. Potent. 188. 1898.

shrubby cinquefoil

Dasiphora floribunda (Pursh) Raf.

Dasiphora fruticosa (L.) Rydb. ssp. *floribunda* (Pursh) Kartesz

Dasiphora riparia Raf.

Fragaria fruticosa Crantz

Pentaphylloides floribunda (Pursh) Á. Löve, superfluous renaming (illegitimate)

Pentaphylloides fruticosa (L.) O. Schwarz

Potentilla floribunda Pursh

Potentilla fruticosa L. [HC]

Potentilla fruticosa L. ssp. *floribunda* (Pursh) Elkington

Potentilla fruticosa L. var. *tenuifolia* (D.F.K. Schldl.) Lehm.

Dryas [HC, HC2]

dryad, dryas, mountain-avens

Dryas drummondii Richardson ex Hook. [HC, HC2]

Bot. Mag. 57: t. 2972. 1830.

yellow mountain-avens

Dryadaea drummondii Kuntze

Dryas drummondii Richardson ex Hook. var. *drummondii* [IFBC]

Dryas drummondii Richardson ex Hook. var. *tomentosa* (Farr) L.O. Williams

Dryas octopetala L. var. *drummondii* (Richardson ex Hook.) S. Watson

Dryas tomentosa Farr

Dryas hookeriana Juz. [FNA9, HC2]

Izv. Glavn. Bot. Sada S.S.S.R. 28: 325. 1925.

white dryas, Hooker's mountain-avens, white mountain-avens

Dryas octopetala L. ssp. *hookeriana* (Juz.) Hultén

Dryas octopetala L. var. *angustifolia* C.L. Hitchc. [HC]

Dryas octopetala L. var. *hookeriana* (Juz.) Breitung [HC]

Drymocalis [HC2]

wood beauty, cinquefoil

Drymocalis arguta (Pursh) Rydb. [HC2]

Monogr. N. Amer. Potentilleae 192. 1898.

cordilleran drymocalis

Drymocalis convallaria (Rydb.) Rydb. [FNA9]

Potentilla arguta Pursh [HC], misapplied

Potentilla arguta Pursh [HC]

Potentilla arguta Pursh ssp. *convallaria* (Rydb.) D.D. Keck

Potentilla arguta Pursh var. *convallaria* (Rydb.) Th. Wolf
Potentilla convallaria Rydb.

Drymocallis campanulata (C.L. Hitchc.) Ertter [HC2]

J. Bot. Res. Inst. Texas 1(1): 43. 2007.

John Day cinquefoil, John Day wood beauty

Potentilla campanulata [HC], unpublished name

Potentilla glandulosa Lindl. var. *campanulata* C.L. Hitchc. [HC]

Recently (2024) collected in Klickitat County.

Drymocallis glandulosa (Lindl.) Rydb. [HC2]

A Monograph of the North American Potentilleae 198. 1898.

sticky cinquefoil

Potentilla glandulosa Lindl. [HC]

ssp. *glabrata* (Rydb.) Soják [HC2]

Thaiszia 16(1): 48. 2006.

Idaho wood beauty

Potentilla glandulosa Lindl. var. *incisa* Lindl.

Potentilla glandulosa Lindl. var. *intermedia* (Rydb.) C.L. Hitchc. [HC]

ssp. *glandulosa* [HC2]

Monogr. N. Amer. Potentilleae 198. 1898.

gland cinquefoil, sticky cinquefoil

Drymocallis glandulosa (Lindl.) Rydb. var. *glandulosa* [Draft FNA]

Potentilla glandulosa Lindl. ssp. *glandulosa*

Potentilla glandulosa Lindl. ssp. *reflexa* (Greene) D.D. Keck

Potentilla glandulosa Lindl. ssp. *typica* D.D. Keck

Potentilla glandulosa Lindl. var. *glandulosa* [HC]

Potentilla glandulosa Lindl. var. *reflexa* Greene [HC]

Potentilla reflexa (Greene) Greene

ssp. *pseudorupestris* (Rydb.) Soják [HC2]

Thaiszia 16(1): 48. 2006.

cliff drymocallis

Drymocallis pseudorupestris (Rydb.) Rydb.

Drymocallis pseudorupestris (Rydb.) Rydb. var. *saxicola* Ertter [Draft FNA]

Potentilla glandulosa Lindl. ssp. *pseudorupestris* (Rydb.) D.D. Keck

Potentilla glandulosa Lindl. var. *pseudorupestris* (Rydb.) Breitung [HC]

****Duchesnea*** [HC, HC2]

****Duchesnea indica*** (Andrews) Focke [HC, HC2]

Nat. Pflanzenfam. 3(3): 33. 1888.

Indian-strawberry, mock-stawberry

Fragaria indica Andrews

var. *indica [HC2]

Indian strawberry, mock strawberry

Filipendula [HC, HC2]

Filipendula occidentalis (S. Watson) Howell [HC, HC2]

A Flora of Northwest America 2: 185. 1898.

queen-of-the-forest

Fragaria occidentalis Wats. Andr.

Fragaria [HC, HC2]

strawberry

*ssp. *ananassa* [HC2]

ssp. *cuneifolia* (Nutt. ex Howell) Staudt [HC2]

Fragaria cuneifolia Nutt. ex Howell

Fragaria grandiflora Ehrh.

A common hybrid between *Fragaria chiloensis* and *Fragaria virginiana* ssp. *platypetala*.

Fragaria chiloensis (L.) Mill. [HC, HC2, JPM]

Gard. Dict. (ed. 8) *Fragaria* no. 4. 1768.

beach strawberry, coastal strawberry

ssp. *pacifica* Staudt [HC2]

Canad. J. Bot. 40: 883. 1962.

beach strawberry, coastal strawberry

Fragaria chiloensis (L.) Mill. ssp. *lucida* (E. Vilm. ex Decne.) Staudt

Fragaria vesca L. [HC, HC2]

Sp. Pl. 1: 494 (-495). 1753.

woodland strawberry

ssp. *californica* (Cham. & Schltdl.) Staudt [HC2]

Canad. J. Bot. 40: 872. 1962.

woodland strawberry

Fragaria bracteata A. Heller

Fragaria crinita Rydb.

Fragaria helleri Holz.

Fragaria vesca L. ssp. *bracteata* (A. Heller) Staudt

Fragaria vesca L. var. *bracteata* (A. Heller) R.J. Davis [HC]

Fragaria vesca L. var. *crinita* (Rydb.) C.L. Hitchc. [HC]

Fragaria virginiana Mill. [HC, HC2]

Gard. Dict., ed. 8. [textus s.n.] *Fragaria* no. 2. 1768.

blueleaf strawberry, mountain strawberry

ssp. *glauca* (S. Watson) Staudt [HC2]

Canad. J. Bot. 40(6): 881. 1962.

blueleaf strawberry, broadpetal strawberry, wild strawberry

Fragaria glauca (S. Watson) Rydb.

Fragaria multicipita Fernald

Fragaria ovalis (Lehm.) Rydb.

Fragaria pauciflora Rydb.

Fragaria platypetala Rydb.

Fragaria platypetala Rydb. var. *sibbaldifolia* (Rydb.) Jeps.

Fragaria sibbaldifolia Rydb.

Fragaria suksdorfii Rydb.

Fragaria truncata Rydb.

Fragaria virginiana Duchesne ssp. *platypetala* (Rydb.) Staudt

Fragaria virginiana Duchesne var. *glauca* S. Watson [HC]

Fragaria virginiana Duchesne var. *ovalis* (Lehm.) R.J. Davis

Fragaria virginiana Duchesne var. *platypetala* (Rydb.) H.M. Hall [HC]

Fragaria virginiana Duchesne var. *terrae-novae* (Rydb.) Fernald & Wiegand

Geum [HC, HC2]

avens

Geum aleppicum Jacq. [HC, HC2]

Icon. Pl. Rar. 1: 10, pl. 93. 1786.

yellow avens

Geum aleppicum Jacq. ssp. *strictum* (Aiton) R.T. Clausen

Geum aleppicum Jacq. var. *strictum* (Aiton) Fernald

Geum strictum Aiton
Geum strictum Aiton var. *decurrens* (Rydb.) Kearney & Peebles

***Geum macrophyllum* Willd. [HC, HC2]**

Enum. Pl. [Willdenow] 1: 557. 1809.
bigleaf avens, large-leaved avens

Geum macrophyllum Willd. ssp. *macrophyllum*
Geum macrophyllum Willd. ssp. *perincisum* (Rydb.) Hultén
Geum macrophyllum Willd. var. *macrophyllum* [HC]
Geum macrophyllum Willd. var. *perincisum* (Rydb.) Raup [HC]
Geum macrophyllum Willd. var. *rydbergii* Farw.
Geum oregonense (Scheutz) Rydb.
Geum perincisum Rydb.
Geum perincisum Rydb. var. *intermedium* B. Boivin

***Geum rivale* L. [HC, HC2]**

Sp. Pl. 1: 501. 1753.
purple avens, water avens

***Geum rossii* (R. Br.) Ser. [FNA9, HC, HC2]**

in A. P. de Candolle and A. L. P. P. de Candolle, Prodr. 2: 553. 1825.
Ross's avens

Geum rossii (R. Br.) Ser. var. *depressum* (Greene) C.L. Hitchc. [HC]
Geum rossii (R. Br.) Ser. var. *rossii* [HC]
Geum rossii (R. Br.) Ser. var. *turbinatum* (Rydb.) C.L. Hitchc. [HC]

***Geum triflorum* Pursh [HC, HC2]**

Fl. Amer. Sept. (Pursh) 2: 736. 1813.
prairie smoke, old-man's whiskers

Erythrocoma campanulata Greene
Erythrocoma ciliata (Pursh) Greene
Geum campanulatum (Greene) G.N. Jones
Geum ciliatum Pursh
Geum triflorum Pursh var. *campanulatum* (Greene) C.L. Hitchc. [HC]
Geum triflorum Pursh var. *ciliatum* (Pursh) Fassett [HC]
Geum triflorum Pursh var. *triflorum* [HC]
Sieversia campanulata (Greene) Rydb.
Sieversia ciliata (Pursh) G. Don

****Geum urbanum* L. [HC2, Stace 1997]**

Sp. Pl. 1: 501. 1753.
herb-bennet

***Holodiscus* [HC, HC2]**

ocean-spray

***Holodiscus discolor* (Pursh) Maxim. [HC, HC2, JPM2]**

Trudy Imp. S.-Peterburgsk. Bot. Sada 6(1): 254. 1879.
creambush ocean-spray, hillside ocean-spray

Schizonotus aariaefolius Green var. *discolor* Kuntze
Schizonotus discolor Raf.
Sericotheca discolor (Pursh) Rydb.
Sericotheca discolor var. *purshianus* Rehd.
Spiraea ariaefolia Sm.
Spiraea discolor Pursh var. *ariaefolia* Wats.

Holodiscus discolor has a complex nomenclatural and taxonomic history.

var. *discolor* [HC2]

Trudy Imp. S.-Peterburgsk. Bot. Sada 6(1): 254. 1879.
ocean-spray

Holodiscus boursieri (Carrière) Rehder

Horkelia [HC, HC2]

horkelia

Ivesia [HC, HC2]

ivesia

Luetkea [HC, HC2]

luetkea, partridgefoot

Luetkea pectinata (Pursh) Kuntze [HC, HC2]

Revisio Generum Plantarum 1: 217. 1891.

luetkea, partridgefoot

Eriogynia pectinata (Pursh) Hook.

Saxifraga pectinata Pursh

Spiraea pectinata (Pursh) Torr. & A. Gray

Malus [HC2]

apple, crabapple

****Malus baccata*** (L.) Borkh. [HC2]

Siberian crabapple

****Malus x dawsoniana*** Rehder [HC2]

Sargent, Trees & Shrubs ii. 23. 1907.

Dawson apple

A spontaneously occurring hybrid between feral domestic apples and native *Malus fusca* (Dickson et al. 1991). Collected recently from several counties in western WA. Uncommon in cultivation (Jacobson 1996). First reported wild in WA by Jacobson (2001).

****Malus domestica*** (Suckow) Borkh. [WTU]

Theor. Prakt. Handb. Forstbot. 2: 1272. 1803.

cultivated apple, orchard apple

Malus communis Poir.

Malus pumila Mill.

Pyrus malus L.

Use of this name based on Guan-Ze Qian, Lian-Fen Liu and Geng-Guo Tang. 2010. (1933) Proposal to conserve the name *Malus domestica* against *M. pumila*, *M. communis*, *M. frutescens*, and *Pyrus dioica* (Rosaceae). Taxon 59: 650-652.

Malus fusca (Raf.) C.K. Schneid. [HC2, IFBC]

Ill. Handb. Laubholzk. [C.K.Schneider] 1: 723. 1906.

Oregon crabapple, western crabapple

Malus diversifolia (Bong.) M. Roem.

Malus fusca (Raf.) C.K. Schneid. var. *diversifolia* (Bong.) C.K. Schneid.

Malus fusca (Raf.) C.K. Schneid. var. *levipes* (Nutt.) C.K. Schneid.

Malus rivularis (Douglas) M. Roem.

Malus rivularis var. *levipes* (Nutt.) Koehne

Pyrus fusca Raf. [HC]

Pyrus fusca var. *levipes* Bailey

Pyrus rivularis Douglas

****Malus hupehensis*** (Pamp.) Rehder [HC2]

J. Arnold Arbor. 14: 207. 1933.

flowering tea crabapple

****Malus prunifolia*** (Willd.) Borkh. [HC2]

Theor. Prakt. Handb. Forstbot. 2: 1278. 1803.

pearleaf crabapple, plumleaf crabapple

**Mespilus* [HC2]

Oemleria [HC, HC2]

oso-berry, Indian plum

Oemleria cerasiformis (Torr. & A. Gray ex Hook. & Arn.) J.W. Landon [HC, HC2]

Taxon 24(1): 200. 1975.

oso-berry, Indian plum

Exochorda davidiana Baill.

Nuttallia cerasiformis Torr. & A. Gray ex Hook. & Arn.

Nuttallia davidiana Baill.

Oemleria cerasiformis var. *lancifolia* Greene

Oemleria cerasiformis var. *nigra* Greene

Osmaronia cerasiformis (Torr. & A. Gray ex Hook. & Arn.) Greene

Petrophytum [HC, HC2]

rockmat

Petrophytum caespitosum (Nutt.) Rydb. [HC, HC2]

Mem. New York Bot. Gard. 1: 206. 1900.

Rocky Mountain rockmat

Eriogynia caespitosa (Nutt.) S. Watson

Luetkea caespitosa (Nutt.) Kuntze

Spiraea caespitosa Nutt.

ssp. *caespitosum* [HC2, JPM2]

Mem. New York Bot. Gard. 1: 206. 1900.

Rocky Mountain rockmat

Two specimens collected from WA. Tracked by WNHP. Note that the orthographic variant *Petrophyton* is used in some references for this genus name. From the Jepson Manual online: "Correspondence 1 indicates that *Petrophyton* is an orthographic variant, and that the correct spelling is *Petrophytum*, because Rydberg (Memoirs of the New York Botanical Garden 1:206--207. 1900) published the genus name by raising *Eriogynia* sect. *Petrophytum* (Nutt. ex Torr. & A. Gray) S. Watson to genus rank, albeit misspelling it as *Petrophyton* in the process. [Therefore, spelling of genus name corrected to *Petrophytum*, from *Petrophyton* previously in this Index, 27 May 2009.] "

Petrophytum cinerascens (Piper) Rydb. [HC, HC2]

North American Flora 22(3): 253. 1908.

Chelan rockmat

Petrophyton cinerascens (Piper) Rydb., orthographic variant

Spiraea cinerascens Piper

Note that the orthographic variant *Petrophyton* is used in some references for this genus name. From the Jepson Manual online: "Correspondence 1 indicates that *Petrophyton* is an orthographic variant, and that the correct spelling is *Petrophytum*, because Rydberg (Memoirs of the New York Botanical Garden 1:206--207. 1900) published the genus name by raising *Eriogynia* sect. *Petrophytum* (Nutt. ex Torr. & A. Gray) S. Watson to genus rank, albeit misspelling it as *Petrophyton* in the process. [Therefore, spelling of genus name corrected to *Petrophytum*, from *Petrophyton* previously in this Index, 27 May 2009.] "

Petrophytum hendersonii (Canby) Rydb. [HC, HC2]

North American Flora 22(3): 253. 1908.

Olympic Mountain rockmat

Eriogynia hendersonii Canby

Luetkea hendersonii (Canby) Greene

Petrophyton hendersonii (Canby) Rydb., orthographic variant

Spiraea hendersonii (Canby) Piper

Note that the orthographic variant *Petrophyton* is used in some references for this genus name. From the Jepson Manual online: "Correspondence 1 indicates that *Petrophyton* is an orthographic variant, and that the correct spelling is *Petrophytum*, because Rydberg (Memoirs of the New York Botanical Garden

1:206--207. 1900) published the genus name by raising *Eriogynia* sect. *Petrophytum* (Nutt. ex Torr. & A. Gray) S. Watson to genus rank, albeit misspelling it as *Petrophyton* in the process. [Therefore, spelling of genus name corrected to *Petrophytum*, from *Petrophyton* previously in this Index, 27 May 2009.] "

**Photinia* [HC2]

redtip

**Photinia davidiana* (Decne.) Card. [HC2]

Bull. Mus. Natl. Hist. Nat. 25(5): 399. 1919.

Chinese redtip, stranvaesia

*var. *davidiana* [HC2]

Chinese redtip, stranvaesia

Physocarpus [HC, HC2]

ninebark

Physocarpus capitatus (Pursh) Kuntze [HC, HC2]

Revisio Generum Plantarum 1: 219. 1891.

Pacific ninebark

Neillia capitata Greene

Neillia opulifolia var. *mollis* Brew & Wats.

Opulaster capitatus Kuntze

Opulaster opulifolius (L.) Maxim. var. *capitatus* Jeps.

Physocarpa tomentosa Raf.

Physocarpus opulifolius (L.) Maxim. var. *tomentellus* (Ser.) B. Boivin

Spiraea capitata Pursh

Spiraea opulifolia var. *mollis* T. & G.

Spiraea opulifolia var. *tomentella* Ser.

Physocarpus malvaceus (Greene) Kuntze [HC, HC2]

Revisio Generum Plantarum 1: 219. 1891.

mallow ninebark, mallow-leaf ninebark

Neillia malvacea Greene

Neillia monogyna var. *malvacea* M.E. Jones

Neillia torreyi Hook. f.

Opulaster cordatus Rydb.

Opulaster pauciflorus (Torr. & A. Gray) A. Heller

Opulaster pubescens Rydb.

Physocarpus pauciflorus (Torr. & A. Gray) Piper

Spiraea opulifolia var. *pauciflora* T. & G.

Spiraea pauciflora Nutt.

Potentilla [HC, HC2]

cinquefoil, five-finger

(see also *Comarum*, *Dasiphora*, *Drymocallis*)

Argentina

Potentilla anserina L. [HC, HC2]

Sp. Pl. 1: 495. 1753.

silverweed cinquefoil, common silverweed

Argentina anserina (L.) Rydb.

Fragaria anserina Crantz

ssp. anserina [FNA9, HC2]

Sp. Pl. 1: 495. 1753.

silvery cinquefoil, common silverweed

Argentina anserina (L.) Rydb. var. *concolor* (Ser.) Rydb.

Potentilla anserina L. var. *anserina*

Potentilla anserina L. var. *concolor* Ser.
Potentilla anserina L. var. *sericea* Hayne

ssp. *pacifica* (Howell) Rousi [FNA9, HC2]

Ann. Bot. Fenn. 2: 104. 1965.
Pacific silverweed

Potentilla anserina L. ssp. *egedii* (Wormsk.) Hiitonen, misapplied
Potentilla anserina L. var. *grandis* Torr. & A. Gray
Potentilla egedii Wormsk. ex Hornem. ssp. *grandis* (Torr. & A. Gray) Hultén
Potentilla egedii Wormsk. ex Hornem. var. *grandis* (Torr. & A. Gray) J.T. Howell
Potentilla pacifica Howell [HC]

****Potentilla argentea* L.** [FNA9, HC, HC2]

Sp. Pl. 1: 497. 1753.
hoary cinquefoil, silver cinquefoil

Argentina argentea (L.) Rydb.
Fragaria argentea Crantz

***Potentilla biennis* Greene** [FNA9, HC, HC2]

Fl. Francisc. 65. 1891.
biennial cinquefoil

Potentilla kelseyi Rydb.
Potentilla lateriflora Rydb.
Tridophyllum bienne Greene

***Potentilla breweri* S. Watson** [FNA9, HC, HC2]

Proc. Amer. Acad. Arts 8: 555 (-556). 1873.
Brewer's cinquefoil

Potentilla breweri S. Watson var. *expansa* S. Watson
Potentilla drummondii Lehm. ssp. *breweri* (S. Watson) Ertter
Potentilla drummondii Lehm. var. *breweri* (S. Watson) N.H. Holmgren

***Potentilla douglasii* Greene** [WTU]

Horkelia fusca Lindl.

var. *capitata* (Lindl.) J. T. Howell [WTU]

Leafl. W. Bot. 4: 176. 1945.
horkelia

Horkelia capitata Lindl.
Horkelia fusca Lindl. ssp. *capitata* (Lindl.) D.D. Keck
Horkelia fusca Lindl. var. *capitata* (Lindl.) M. Peck

var. *douglasii* [WTU]

Pittonia 1[3]: 103. 1887.
Douglas's cinquefoil

Horkelia caeruleomontana St. John
Horkelia fusca Lindl. ssp. *fusca*
Horkelia fusca Lindl. var. *fusca*
Horkelia tenuisecta Rydb.
Potentilla andersonii Greene
Potentilla capitata Greene
Potentilla douglasii var. *tenuisecta* crum

***Potentilla drummondii* Lehm.** [FNA9, HC, HC2]

Nov. Stirp. Pug. [Lehmann] 2: 9. 1830.
Drummond's cinquefoil

Potentilla anomalofolia M. Peck
Potentilla cascadiensis Rydb.
Potentilla dissecta var. *drummondii* Kurtz

Potentilla drummondii var. *cascadensis* Rydb.

***Potentilla flabellifolia* Hook. ex Torr. & A. Gray [FNA9, HC, HC2]**

Fl. N. Amer. 1: 422. 1840.

fan-leaf cinquefoil, fringe-leaf cinquefoil, fan-foil

***Potentilla glaucophylla* Lehm. [HC2]**

Del. Sem. Hort. Hamburg (1836) 7; Cf. Linnaea, xii. (1838) Litt. 83. 1836.

blueleaf cinquefoil, different-leaved cinquefoil, diverse-leaved cinquefoil, vari-leaved cinquefoil

Potentilla × *diversifolia* Lehm. [HC]

Potentilla diversifolia Lehm. ssp. *glaucophylla* (Lehm.) Lehm.

Potentilla diversifolia Lehm. ssp. *ranunculus* (Lange) A.E. Porsild

Potentilla diversifolia Lehm. var. *diversifolia* [HC]

Potentilla diversifolia Lehm. var. *glaucophylla* (Lehm.) S. Watson

Potentilla diversifolia Lehm. var. *perdissecta* (Rydb.) C.L. Hitchc. [HC]

Potentilla diversifolia Lehm. var. *ranunculus* (Lange) B. Boivin

Potentilla glaucophylla Lehm. var. *glaucophylla* [FNA9]

Potentilla glaucophylla Lehm. var. *perdissecta* (Rydb.) Soják [FNA9]

Potentilla perdissecta Rydb.

***Potentilla gordonii* (Hook.) Greene [WTU]**

Pittonia 1(3): 106. 1887.

Gordon's ivesia, alpine mousetail

Horkelia gordonii Hook.

Ivesia alpicola Rydb. ex. Howell

Ivesia gordonii (Hook.) Torr. & A. Gray

var. *gordonii* [WTU]

Pittonia 1(3): 106. 1887.

Horkelia gordonii Hook. var. *alpicola* (Rydb. ex Howell) Rydb.

Ivesia gordonii (Hook.) Torr. & A. Gray var. *gordonii*

***Potentilla gracilis* Douglas ex Hook. [HC, HC2]**

Bot. Mag. 57: t. 2984. 1830.

slender cinquefoil

var. *brunnescens* (Rydb.) C.L. Hitchc. [HC, HC2]

glandular cinquefoil

var. *flabelliformis* (Lehm.) Nutt. ex Torr. & A. Gray [FNA9, HC, HC2]

Fl. N. Amer. 1: 440. 1840.

comb-leaf cinquefoil, Elmer's cinquefoil, Idaho cinquefoil

Potentilla flabelliformis Lehm.

Potentilla gracilis Douglas ex Hook. var. *elmeri* (Rydb.) Jeps. [FNA9, HC]

Potentilla indiges M. Peck

Potentilla pectinisecta Rydb.

var. *gracilis* [FNA9, HC, HC2]

Bot. Mag. 57: plate 2984. 1830.

Hall's cinquefoil, slender cinquefoil, wooly cinquefoil

Potentilla angustata Rydb.

Potentilla blasckeanae Turcz. ex Lehm.

Potentilla blasckeanae Turcz. ex Lehm. var. *permollis* (Rydb.) Th. Wolf

Potentilla etomentosa Rydb.

Potentilla etomentosa Rydb. var. *hallii* (Rydb.) Abrams

Potentilla fastigiata Nutt.

Potentilla glomerata A. Nelson

Potentilla gracilis Douglas ex Hook. ssp. *nuttallii* (Lehm.) D.D. Keck

Potentilla gracilis Douglas ex Hook. var. *blasckeanae* (Turcz. ex Lehm.) Jeps.

Potentilla gracilis Douglas ex Hook. var. *fastigiata* (Nutt.) S. Watson [FNA9]

Potentilla gracilis Douglas ex Hook. var. *glabrata* (Lehm.) C.L. Hitchc. [HC]

Potentilla gracilis Douglas ex Hook. var. *nuttallii* (Lehm.) Sheldon
Potentilla gracilis Douglas ex Hook. var. *permollis* (Rydb.) C.L. Hitchc. [HC]
Potentilla gracilis Douglas ex Hook. var. *rigida* S. Watson
Potentilla jucunda A. Nelson
Potentilla longipedunculata Rydb.
Potentilla macropetala Rydb.
Potentilla nuttallii Lehm.
Potentilla permollis Rydb.
Potentilla rectiformis Rydb.
Potentilla viridescens Rydb.

var. *pulcherrima* (Lehm.) Fernald [HC, HC2]

Rhodora 42: 213. 1940.
beautiful cinquefoil

Potentilla camporum Rydb.

Potentilla hookeriana Lehm. [HC, HC2]

Hooker's cinquefoil

Potentilla hyparctica Malte [HC2]

Rhodora 36: 177. 1934.
subarctic cinquefoil

ssp. *elatior* (Abrom.) Elven & D.F. Murray [HC2]

J. Bot. Res. Inst. Texas 1(2): 813. 2007.
subarctic cinquefoil

Potentilla emarginata Pursh

Potentilla flabellifolia Hook. ex Torr. & A. Gray var. *emarginata* (Pursh) B. Boivin

Potentilla hyparctica Malte var. *elatior* (Abrom.) Fernald

Potentilla jepsonii Ertter [FNA9]

Journal of the Botanical Research Institute of Texas 2(1): 202. 2008.
Jepson's cinquefoil

Potentilla littoralis Rydb. var. *ovium* (Jeps.) Soják

Presence in WA confirmed by Barbara Ertter on the basis of Kruckeberg 6545 (WTU-280835), Okanogan County.

var. *kluanensis* Ertter

Ertter, B. 2019. *Potentilla jepsonii* var. *kluanensis* (Rosaceae): A new variety from Yukon and Alaska to Washington. *Phytoneuron* 2019-15: 178. Published 25 April 2019. ISSN 2153 733X 2019.
Kluane cinquefoil

The treatment of this taxon in the Washington flora remains unresolved. In *Flora of the Pacific Northwest*, 2nd edition, *P. jepsonii* is synonymized within *P. pensylvanica* var. *ovium*.

Potentilla newberryi A. Gray [FNA9, HC, HC2]

, Proc. Amer. Acad. Arts 6: 532. 1865.
Newberry's cinquefoil

Ivesia gracilis Torr. & A. Gray

Potentilla newberryi var. *arenicola* Rydb.

Last collected in Washington in 1898.

Potentilla nivea L. [FNA9, HC, HC2]

Sp. Pl. 1: 499. 1753.
snow cinquefoil

Fragaria nivea Crantz

Potentilla nivea L. ssp. *fallax* A.E. Porsild

Potentilla nivea L. ssp. *subquinata* (Lange) Hultén

Potentilla nivea L. var. *subquinata* Lange

Potentilla nivea L. var. *tomentosa* Nilsson-Ehle ex Hultén

Potentilla prostrata Rottb.
Potentilla prostrata Rottb. ssp. *floccosa* Soják

***Potentilla norvegica* L. [FNA9, HC, HC2]**

Sp. Pl. 1: 499. 1753.
Norwegian cinquefoil, rough cinquefoil

Fragaria norvegica Crantz
Potentilla monspeliensis L.
Potentilla norvegica L. ssp. *hirsuta* (Michx.) Hyl.
Potentilla norvegica L. ssp. *monspeliensis* (L.) Asch. & Graebn.
Potentilla norvegica L. var. *hirsuta* (Michx.) Lehm.
Potentilla norvegica L. var. *labradorica* (Lehm.) Fernald

***Potentilla pensylvanica* L. [HC, HC2]**

Mant. Pl. 76. 1767.
Pennsylvania cinquefoil

Potentilla atrovirens Rydb.
Potentilla glabella Rydb.
Potentilla pensylvanica L. var. *atrovirens* (Rydb.) Th. Wolf
Potentilla pensylvanica L. var. *pensylvanica* [HC2]
Potentilla pensylvanica L. var. *strigosa* Pursh, misapplied
Potentilla platyloba Rydb.
Potentilla strigosa (Pursh) Pall. ex Tratt.

Taxonomically challenging species closely allied to

var. *ovium* Jeps. [HC2]

Fl. Calif. [Jepson] 2: 184. 1936.
Jepson's cinquefoil

Presence in WA (as *P. jepsonii* var. *kluanensis* confirmed by Barbara Ertter on the basis of Kruckeberg 6545 (WTU-280835), Okanogan County).

****Potentilla recta* L. [FNA9, HC, HC2]**

Sp. Pl. 1: 497. 1753.
sulphur cinquefoil

Hypargyrium rectum Fourr.
Potentilla recta L. var. *obscura* (Nestler) W.D.J. Koch
Potentilla recta L. var. *pilosa* (Willd.) Ledeb.
Potentilla recta L. var. *sulphurea* (Lam. & DC.) Peyr.
Potentilla sulphurea Lam.

***Potentilla rivalis* Nutt. [FNA9, HC, HC2]**

Fl. N. Amer. 1: 437. 1840.
brook cinquefoil, river cinquefoil

Potentilla leucocarpa Rydb.
Potentilla millegrana Engelm. ex Lehm.
Potentilla pentandra Engelm.
Potentilla rivalis Nutt. var. *millegrana* (Engelm. ex Lehm.) S. Watson
Potentilla rivalis Nutt. var. *pentandra* (Engelm.) S. Watson
Tridophyllum rivale Greene.

***Potentilla supina* L. [HC2]**

Sp. Pl. 1: 497. 1753.
bushy cinquefoil

ssp. *paradoxa* (Nutt.) Soják [FNA9, HC2]

Folia Geobot. Phytotax. 4: 207. 1969.
bushy cinquefoil

Potentilla supina L. var. *paradoxa* (Nutt.) Th. Wolf
Potentilla nicolletii (S. Watson) Sheld.

Potentilla paradoxa Nutt. [HC]
Potentilla supina L. var. *nicoletti* S. Watson
Tridophyllum nicoletti Greene

Potentilla tweedyi (Rydb.) J.T. Howell [WTUJ]

Leafl. W. Bot. 4: 176. 1945.
Tweedy's mousetail

Horkelia tweedyi Nels & Macbr. var. *alpicola* Rydb.
Ivesia tweedyi Rydb.

Potentilla villosa Pall. ex Pursh [FNA9, HC, HC2]

Fl. Amer. Sept. (Pursh) 1: 353 (-354). 1813.
northern cinquefoil, villous cinquefoil

Potentilla fragiformis var. *villosa* Regel Tiling
Potentilla grandiflora var. *villosa* Kurtz
Potentilla nivea L. var. *villosa* (Pall. ex Pursh) Regel & Tiling
Potentilla villosa Pall. ex Pursh var. *parviflora* C.L. Hitchc. [HC]
Potentilla villosula Jurtzev, misapplied

Poteridium [HC2]

American burnet, western burnet

Poteridium annuum (Nutt.) Spach [HC2]

Ann. Sci. Nat., Bot. sér. 3, 5: 4. 1846.
annual burnet, prairie burnet

Poteridium occidentale Rydb. [FNA9]
Sanguisorba annua (Nutt.) Nutt.
Sanguisorba occidentalis Nutt. [HC]

****Poterium*** [HC2]

fodder burnet, garden burnet, salad burnet, small burnet

****Poterium sanguisorba*** L. [HC2]

Sp. Pl. 2: 994. 1753.
fodder burnet, small burnet

var. *polygamum (Waldst. & Kit.) Vis. [FNA9, HC2]

Fl. Dalmat. 3: 255. 1852.
burnet bloodwort, fodder burnet, small burnet

Poterium balearicum (Bourgeau ex Nyman) Bourgeau ex Porta
Poterium polygamum Waldst. & Kit.
Poterium sanguisorba L. ssp. *muricatum* (Spach) Rouy
Sanguisorba minor Scop. [HC]
Sanguisorba minor Scop. ssp. *balearicum* (Bourgeau ex Nyman) F. Muñoz Garmendia & C. Navarro
Sanguisorba minor Scop. ssp. *muricata* (Bonnier & Layens) Briq.

Draft FNA9: "The *Poterium sanguisorba* complex has been treated in various and complex ways in Europe; a consensus has not emerged as to the number of species or infraspecies taxa to be recognized. All North American material of *Poterium* belongs to *P. sanguisorba* var. *polygamum*. Reports of *Sanguisorba minor* or *Poterium sanguisorba* are using that in a broad sense, not distinguishing the varieties or subspecies variously recognized, and do not imply the occurrence of the typical infrataxon in North America. It is possible that the typical variety (or other infrataxa, as defined in the European literature) is present in North America."

Prunus [HC, HC2]

cherry, laurel, plum

Prunus americana Marshall [HC, HC2]

Arbust. Amer. 111. 1785.
American plum, wild plum

Prunus domestica L. var. *americana* Castiglioni

The origin of this species in WA is unclear, as the Suksdorf collection from Bingen, Klickitat County in 1920 is the only specimen of this species at WTU. H&C do not list WA as within the range of *P. americana*, though they would have known about this specimen at the time they wrote the flora.

**Prunus armeniaca* L. [HC2]

Sp. Pl. 1: 474. 1753.

apricot

**Prunus avium* (L.) L. [HC, HC2]

Fl. Suec. (ed. 2) 165. 1755.

sweet cherry

Cerasus avium (L.) Moench

**Prunus cerasifera* Ehrh. [HC2, JPM]

Beitr. Naturk. 4: 17. 1789.

cherry plum, Flowering plum

Prunus cerasifera Ehrh. var. *pissardii* (Carrière) L.H. Bailey

**Prunus cerasus* L. [HC, HC2]

Sp. Pl. 1: 474-475. 1753.

sour cherry

**Prunus domestica* L. [HC, HC2]

Sp. Pl. 1: 475. 1753.

cultivated plum

**Prunus dulcis* (Mill.) D.A. Webb [HC2, Stace 1997]

Feddes Repert. 74(1-2): 24. 1967.

almond

Prunus amygdalus Batsch

***Prunus emarginata* (Douglas) Eaton [HC, HC2, IFBC]**

Man. Bot. (ed. 7) 463. 1836.

bitter cherry

Cerasus erecta Presl.

Cerasus mollis Dougl. Ex Hook.

Cerasus prunifolia Greene

Prunus emarginata (Douglas) Eaton var. *crenulata* (Greene) Kearney & Peebles

Prunus emarginata (Douglas) Eaton var. *emarginata* [HC]

Prunus emarginata (Douglas) Eaton var. *mollis* (Douglas ex Hook.) W.H. Brewer [HC]

**Prunus laurocerasus* L. [HC, HC2]

Sp. Pl. 1: 474. 1753.

laurel cherry, cherry-laurel

Cerasus laurocerasus (L.) Dum. Cours.

**Prunus lusitanica* L. [HC2]

Species Plantarum 1: 473. 1753.

Portugal laurel

**Prunus mahaleb* L. [HC, HC2]

Species Plantarum 1: 474. 1753.

mahaleb cherry, perfumed cherry

**Prunus padus* L. [HC2]

Sp. Pl. 1: 473. 1753.

European bird cherry

**Prunus persica* (L.) Batsch [HC2]

Beytr. Entw. Gewächsreich 1: 30. 1801.

peach

Prunus xpugetensis Jacobson & Zika [HC2]

Madrono 54: 74-85. 2007.

Puget Sound cherry

****Prunus spinosa*** L. [HC, HC2]

Sp. Pl. 1: 475. 1753.

blackthorn

****Prunus tomentosa*** Thunb. [HC2]

Syst. Veg. (ed. 14) 464. 1784.

Nanking cherry

Recently collected (2017 in Kittitas County).

Prunus virginiana L. [HC, HC2]

Sp. Pl. 1: 473. 1753.

common chokecherry, western chokecherry, white chokecherry

Cerasus demissa Nutt.

Cerasus demissa Nutt. var. *melanocarpa* A. Nelson

Padus demissa Roem.

Padus melanocarpa (A. Nelson) Shafer

Padus virginiana (L.) Mill. ssp. *melanocarpa* (A. Nelson) W.A. Weber

Padus virginiana (L.) Mill. var. *demissa* (Schneid.) Torr.

Prunus demissa (Nutt.) Walp.

Prunus demissa (Nutt.) D. Dietr. f. *leiodisca* Koehne

Prunus demissa (Nutt.) D. Dietr. f. *trichodisca* Koehne

Prunus demissa (Nutt.) Walp. var. *melanocarpa* (A. Nelson) A. Nelson

Prunus demissa var. *nuttallii* f. *howellii*

Prunus melanocarpa (A. Nelson) Rydb.

Prunus pinetorum Suksd.

Prunus virginiana L. ssp. *demissa* (Nutt.) Roy L. Taylor & MacBryde

Prunus virginiana L. ssp. *melanocarpa* (A. Nelson) Roy L. Taylor & MacBryde

Prunus virginiana L. var. *demissa* (Nutt.) Torr. [HC]

Prunus virginiana L. var. *melanocarpa* (A. Nelson) Sarg. [HC]

****Prunus yedoensis*** Matsum. [HC2]

Bot. Mag. (Tokyo) 15: 100. 1901.

Yoshino cherry

Purshia [HC, HC2]

antelope-brush, bitter-brush

Purshia tridentata (Pursh) DC. [HC, HC2]

Trans. Linn. Soc. London 12(1): 158 [1818]. 1817.

antelope-brush, bitterbrush

Kunzia tridentate Spreng.

Tigarea tridentate Pursh

var. *tridentata*

Trans. Linn. Soc. London 12(1): 158 [1818]. 1817.

antelope-brush, bitterbrush

****Pyracantha*** [HC2]

firethorn

****Pyracantha coccinea*** M. Roem. [HC2, IFBC]

Fam. Nat. Syn. Monogr. 3: 219-220. 1847.

firethorn, scarlet firethorn

Cotoneaster pyracantha (L.) Spach

****Pyracantha fortuneana*** (Maxim.) H.L. Li [HC2]

J. Arnold Arbor. 25(4): 420. 1944.

Chinese firethorn

**Pyrus* [HC, HC2]

pear
(see also *Malus*)

**Pyrus communis* L. [HC, HC2]

Sp. Pl. 1: 479; 2: 1200. 1753.
common pear

Rosa [HC, HC2]

rose

**Rosa canina* L. [HC, HC2]

Sp. Pl. 1: 491. 1753.
dog rose

Rosa canina L. var. *dumetorum* (Thuill.) Poir.
Rosa corymbifera Borkh.

Rosa gymnocarpa Nutt. [HC, HC2]

Fl. N. Amer. 1(3): 461. 1840.
bald-hip rose

Rosa dasypoda Greene
Rosa prionota Greene

**Rosa multiflora* Thunb. [HC2, IFBC]

Syst. Veg. (ed. 14) 474. 1784.
multiflora rose, rambler rose

Rosa cathayensis (Rehder & E.H. Wils.) L.H. Bailey

Rosa nutkana C. Presl [HC, HC2]

Abh. Königl. Böhm. Ges. Wiss. ser. 5, 6: 563. 1851.
Nootka rose

ssp. *macdougalii* (Holz.) Piper [FNA9, HC2]

Contr. U.S. Natl. Herb. 11: 335. 1906.
bristly Nootka rose

Rosa anatonensis H. St. John
Rosa caeruleomontana St. John
Rosa columbiana Rydb.
Rosa jonesii H. St. John
Rosa macdougalii Holz.
Rosa megalantha G.N. Jones
Rosa nutkana C. Presl var. *alta* Suksd.
Rosa nutkana C. Presl var. *hispida* Fernald [HC]
Rosa nutkana C. Presl var. *macdougalii* M.E. Jones
Rosa nutkana C. Presl var. *pallida* Suksd.
Rosa rainierensis G.N. Jones
Rosa spaldingii Crép.
Rosa spaldingii Crép. var. *alta* (Suksd.) G.N. Jones
Rosa spaldingii Crépin var. *chelanensis* Jones
Rosa spaldingii Crép. var. *hispida* (Fernald) G.N. Jones
Rosa spaldingii Crép. var. *parkeri* (S. Watson) H. St. John

ssp. *nutkana* [FNA9, HC2]

Abh. Königl. Böhm. Ges. Wiss. ser. 5, 6: 563. 1851.
Nootka rose

Rosa durandii Crép.
Rosa muriculata Greene
Rosa nutkana C. Presl var. *muriculata* (Greene) G.N. Jones

Rosa nutkana C. Presl var. *nutkana* [HC]
Rosa nutkana C. Presl var. *setosa* G.N. Jones

ssp. *nutkana*

***Rosa pisocarpa* A. Gray [HC, HC2]**

Proc. Amer. Acad. Arts 8: 382. 1872.
clustered rose, peafruit rose

Rosa anacantha Greene
Rosa pringlei Rydb.

****Rosa rubiginosa* L. [HC2]**

Mant. Pl. Altera 564. 1771.
sweetbrier rose, small-flowered sweetbrier

Rosa eglantheria L. [HC]
Rosa micrantha Borrer [HC, Stace 1997]

****Rosa rugosa* Thunb. [HC2, Stace 1997]**

Syst. Veg. (ed. 14) 473. 1784.
rugosa rose

Rosa rugosa Thunb. var. *albiflora* Koidz.

***Rosa woodsii* Lindl. [HC, HC2]**

Ros. Monogr. 21. 1820.
pearhip rose

Rosa arizonica Rydb.
Rosa arizonica Rydb. var. *granulifera* (Rydb.) Kearney & Peebles
Rosa covillei Greene
Rosa lapwaiensis H. St. John
Rosa pecosensis Cockerell
Rosa ultramontana (S. Watson) A. Heller
Rosa woodsii Lindl. ssp. *ultramontana* (S. Watson) Roy L. Taylor & MacBryde
Rosa woodsii Lindl. var. *arizonica* (Rydb.) W.C. Martin & C.R. Hutchins
Rosa woodsii Lindl. var. *granulifera* (Rydb.) W.C. Martin & C.R. Hutchins
Rosa woodsii Lindl. var. *ultramontana* (S. Watson) Jeps. [HC]
Rosa woodsii Lindl. var. *woodsii* [HC]

Hybridizes with *R. nutkana* where they co-occur.

***Rubus* [HC, HC2]**

blackberry, bramble, raspberry

****Rubus allegheniensis* Porter [HC2]**

Bull. Torrey Bot. Club 23(4): 153. 1896.
Allegheny blackberry, common blackberry

***Rubus arcticus* L. [HC2]**

nagoonberry

Cylactis arctica (L.) Raf. ex B.D. Jacks. ssp. *acaulis* (Michx.) W.A. Weber
Manteia acaulis Raf.
Rubus acaulis Michx. [HC]
Rubus arcticus L. ssp. *acaulis* (Michx.) Focke [IFBC]
Rubus arcticus L. var. *acaulis* (Michx.) B. Boivin

****Rubus bifrons* Vest [FNA9, HC2]**

Steiermark. Z. 3: 163. 1821.
Himalayan blackberry

Rubus armeniacus Focke, misapplied
Rubus discolor Weihe & Nees [HC], misapplied
Rubus procerus P.J. Müll. ex Boulay, misapplied
Rubus thyranthus Peck

FNA9: "Rubus bifrons lacks the strongly pruinose stems of the related *R. ulmifolius*, and has leaves that are usually much larger. It also lacks the stipitate-glandular trichomes and nearly round primocane terminal leaflets of the related *R. vestitus*. It also often has much broader inflorescences than either of the other two introduced species. This species, like its relatives *Rubus ulmifolius* and *R. vestitus*, can have extremely long floricanes, sometimes in excess of 1 m, that end in flowering cymes, often appearing as if primocanes apically terminate their growth by flowering within the same year. As a result, the apical portion of long floricanes are almost always represented in herbarium specimens, but that of true primocanes, or that of full floricanes including the adjacent portion of primocanes, are rare. L. H. Bailey (1945), M. L. Fernald (1950), Y. Helsing-Harrison (1968), and H. A. Gleason and A. Cronquist (1991) distinguished between *Rubus bifrons* and another species (referred to either as *R. discolor* or *R. procerus*, both often considered synonyms of *R. armeniacus*), variously based upon stem shape and pubescence, prickles shape and angle, leaf shape and margins, inflorescence shape, and petal color. Plants in North America identified either as *R. bifrons* or the other species can have considerable variation in any of these features, even within individual stems, making it impossible to distinguish between these species. Although *Rubus discolor* often has been treated as a synonym of *R. armeniacus* in our region, it is actually a synonym of *R. ulmifolius* (H. E. Weber 1985). Although widespread in North America, plants of this species complex are most abundant from northern California northward to British Columbia (particularly coastal areas), where it is a problematic weed. Along the West Coast this species can grow in great density over large areas, often to the exclusion of all other vegetation. The fruit is desirably edible and the floral displays can be attractive."

***Rubus idaeus* L. [HC, HC2]**

Sp. Pl. 1: 492. 1753.
red raspberry

Rubus idaeus L. ssp. *idaeus* [HC2]

****Rubus laciniatus* Willd. [HC, HC2]**

Hort. Berol. pl. 82. 1806.
cut-leaf blackberry

Rubus vulgaris var. *laciniatus* Dippel.

FNA9: "No other species of *Rubus* within our region has leaflets so deeply lobed or dissected. The rare individual bearing relatively unlobed leaflets and perianth parts would appear most similar to *R. vestitus*, except that it lacks the apically flattened or cupulate glands of that species. Such unusual plants of *R. laciniatus* would be distinguished from the native blackberries by their cymose inflorescences, unlike the racemose or solitary inflorescences of the natives."

***Rubus lasiococcus* A. Gray [FNA9, HC, HC2]**

Proc. Amer. Acad. Arts 17: 201. 1882.
roughfruit berry, dwarf bramble, hairy-fruit smooth dewberry

Comarobatia lasiococca (A. Gray) Greene

Draft FNA9: "*Rubus lasiococcus* is defined by its trailing, unarmed stems, simple 3-lobed to 3-foliate leaves, small white flowers, and densely hairy ovaries."

***Rubus leucodermis* Douglas ex Torr. & A. Gray [FNA9, HC, HC2]**

Fl. N. Amer. 1: 454. 1840.
blackcap raspberry, dark raspberry, whitebark raspberry

Batidaea sandbergii Greene

Melanobatus leucodermis (Douglas ex Torr. & A. Gray) Greene

Rubus hesperius Piper

Rubus leucodermis Douglas ex Torr. & A. Gray var. *bernardinus* (Greene) Jeps.

Rubus leucodermis Douglas ex Torr. & A. Gray var. *trinitatis* A. Berger

Rubus occidentalis Linnaeus ssp. *leucodermis* (Douglas ex Torr. & A. Gray) Focke

***Rubus nigerrimus* (Greene) Rydb. [HC, HC2]**

N. Amer. Fl. 22(5): 445. 1913.
dark raspberry, northwest raspberry

Rubus leucodermis Douglas ex Torr. & A. Gray var. *nigerrimus* (Greene) H. St. John

FNA9 synonymizes this species within *R. leucodermis*, however several regional botanists believe that this

entity is worthy of species status. For this reason we diverge from the Draft FNA9 treatment and retain this taxon as a species.

***Rubus nivalis* Douglas ex Hook. [FNA9, HC, HC2]**

Fl. Bor.-Amer. 1: 181. 1832.

snow dwarf bramble, snow dewberry

Cardiobatus nivalis (Douglas ex Hook.) Greene

Draft FNA9: "*Rubus nivalis* is defined by its trailing, prickly stems, simple to 3-foliolate perennial leaves, broadly elliptic to ovate stipules, and small magenta to pink flowers. The closest relative of *R. nivalis* is likely the Mexican *R. pumilus* Focke. Asian species previously classified in subg. *Chamaebatus* are polyploid (M. M. Thompson 1997) and not phylogenetically close (L. A. Alice and C. C. Campbell 1999; L. A. Alice et al. 2008, pers. comm.)."

***Rubus parviflorus* Nutt. [WTU]**

Gen. N. Amer. Pl. 1: 308-309. 1818.

thimbleberry

Bossekia parviflora Greene

Rubacer parviflorum (Nutt.) Rydb.

Rubus nutkanus Moc. ex Ser.

Rubus nutkanus f. *lacera* Kuntze

Rubus nutkanus var. *nuttallii* T. & G.

Rubus nutkanus var. *parviflorus* Focke

Rubus nutkanus var. *scopulorum* Greene ex Focke

Rubus parviflorus f. *nuttallii* Fassett

Rubus parviflorus Nutt. var. *bifarius* Fernald

Rubus parviflorus Nutt. var. *fraserianus* Henry

Rubus parviflorus Nutt. var. *grandiflorus* Farw.

Rubus parviflorus Nutt. var. *heteradenius* Fernald

Rubus parviflorus Nutt. var. *hypomalacus* Fernald

Rubus parviflorus Nutt. var. *parviflorus*

Rubus parviflorus Nutt. var. *parvifolius* (A. Gray) Fernald

Rubus parviflorus Nutt. var. *scopulorum* Greene ex Focke

Rubus parviflorus Nutt. var. *velutinus* (Hook. & Arn.) Greene

Rubus velutinus brew.

Rubus parviflorus Nutt. (1818) is an illegitimate name due to prior publication of *Rubus parviflorus* Weston (1770) for a species occurring in Europe. However, a manuscript was published in 2019 to conserve the name *Rubus parviflorus*. Article 14A of the Botanical Code recommends using the name proposed for conservation until a decision is made by the Nomenclature Committee.

FNA9: "*Rubus parviflorus* is defined by its erect, unarmed stems, simple leaves, large white flowers, glabrous, clavate styles, and yellowish orange to red-stipitate glands covering most plant parts. Hybridization with *R. odoratus* is thought to occur in areas of overlap in northern Michigan. Several varieties and forms have been described based on pubescence and glandularity of stems, leaves, petioles, pedicels, and sepals (e.g., M. L. Fernald 1950). Different variants often occur mixed in the same population and generally do not correspond to definite geographic regions (N. C. Fassett 1941). Plants from coastal California (var. *velutinus*) tend to have densely hairy leaf abaxial surfaces; this variation is likely environmentally induced as other *Rubus* species show the same pattern (e.g., *R. spectabilis* var. *franciscanus*) in the area."

***Rubus pedatus* Sm. [FNA9, HC, HC2]**

Pl. Icon. Ined. 3: plate 63. 1791.

strawberry bramble, strawberry-leaf raspberry

Ametron pedatum (Sm.) Raf.

Comaropsis pedata (Sm.) DC.

Dalibardia pedata Stephan.

Psychrobatia pedata (Sm.) Greene

FNA9: "*Rubus pedatus* is defined by its trailing, unarmed stems, pedately 3-foliolate leaves, small white

flowers, and glabrous ovaries."

****Rubus pensilvanicus* Poir. [Draft FNA, HC2]**

Encycl. 6(1): 246. 1804.

Pennsylvania blackberry

FNA: "Rubus pensilvanicus as circumscribed here represents Bailey's (1941) Rubus sect. Arguti. L. H. Bailey (1945) recognized 109 species in this section." For this reason, the synonymy is too extensive to include here.

***Rubus pubescens* Raf. [FNA9, HC, HC2]**

Med. Rep., ser. 3, 2: 333. 1811.

dwarf red blackberry, dwarf red blackberry raspberry, red raspberry

Cylactis pubescens (Raf.) W.A. Weber

Rubus pubescens Raf. var. *pubescens*

Rubus saxatilis L. var. *canadensis* Michx.

Rubus triflorus Richardson

FNA9: "Rubus pubescens is defined by its trailing, unarmed stems, ternate to pedate leaves, oblanceolate to obovate stipules, and small, white flowers. It is known to hybridize with *R. arcticus* subsp. *acaulis* in areas of sympatry, the hybrid referable to *R. xparacaulis* L. H. Bailey. These plants are similar to *R. arcticus* subsp. *acaulis* in having more obovate, rounded leaflets, and larger, pink to magenta petals; they are larger, creeping, and have hairy and stipitate-glandular pedicels and sepals like *R. pubescens*."

***Rubus spectabilis* Pursh [FNA9, HC, HC2]**

Fl. Amer. Sept. 1: 348, plate 16. 1813.

salmonberry

Parmena spectabilis Greene

Rubus franciscanus Rydb.

Rubus spectabilis Pursh var. *fransiscanus* (Rydb.) J.T. Howell

Rubus spectabilis Pursh var. *spectabilis*

Rubus stenopetalus Cham.

FNA9: "Rubus spectabilis is a thicket-forming shrub that has large and desirably edible fruit, and is used as an ornamental primarily for its robust, showy flowers. It is naturalized in parts of western Europe. It remains unclear as to whether the name *Rubus menziesii* Hooker, and possible combinations by Focke based on this name (*R. ursinus* var. *menziesii*), Greene (*Parmena spectabilis*), and S. Watson (*Rubus spectabilis* var. *menziesii*) apply to *R. spectabilis* or *R. ursinus*."

[WTU]

grayleaf red raspberry

Rubus idaeus L. ssp. *strigosus* (Michx.) Focke

Rubus idaeus L. var. *gracilipes* M.E. Jones

Rubus idaeus L. var. *peramoenus* (Greene) Fernald

Rubus idaeus L. var. *strigosus* (Michx.) Maxim.

Draft FNA9: "Hybrids between *Rubus idaeus* subsp. *strigosus* and *R. occidentalis*, including the cultivated purple raspberries have usually gone under the name *R. neglectus* Peck. C. H. Peck (1871) did not treat *R. neglectus* as a hybrid, although his description, based on material from northeastern New York, acknowledged the material to be intermediate between the two taxa. L. H. Bailey (1945) suspected *R. neglectus* to be a "distinct species of local range" with no "real resemblance" to the cultivated purple raspberries. The third author of this treatment (Gerry Moore) has observed wild purple-fruited material from northwestern New York near the type locality and concurs with L. H. Bailey that the material appears to have little resemblance to the cultivated purple raspberries. The fruit of this material has a strikingly distinct taste, Peck noting that the locals referred to it as "cream berries." Further study of this material is needed to better understand the proper application of the name *Rubus neglectus* and whether or not this name can be applied to hybrids between *R. idaeus* subsp. *strigosus* and *R. occidentalis*. M. L. Fernald (1900) misapplied the name *R. idaeus* Linnaeus var. *anomalus* Arrenhius to reduced, unarmed sterile material of *Rubus idaeus* subsp. *strigosus* with simple leaves on the floricanes; this material was later described by Blanchard as *R. egglesonii*. *Rubus viburnifolius* (Rydberg) Greene (not Franchet) is an illegitimate name."

**Rubus ulmifolius* Schott [FNA9, HC2]

Isis oder encyclopädische Zeitung von Oken 1818(5): 821. 1818.
elm-leaf blackberry

Rubus discolor Weihe & Nees [HC]

Rubus ulmifolius Schott var. *anoplothyrsus* Sudre

Rubus ursinus Cham. & Schtdl. [FNA9, HC, HC2]

Linnaea 2: 11. 1827.

Pacific blackberry, trailing blackberry, dewberry, Douglasberry

Rubus eastwoodianus Rydb.

Rubus helleri Rydb.

Rubus macropetalus Douglas ex Hook.

Rubus ursinus Cham. & Schtdl. ssp. *macropetalus* (Douglas ex Hook.) Roy L. Taylor & MacBryde

Rubus ursinus Cham. & Schtdl. var. *eastwoodianus* (Rydb.) J.T. Howell

Rubus ursinus Cham. & Schtdl. var. *macropetalus* (Douglas ex Hook.) S.W. Br. [HC]

Rubus vitisolius ssp. *ursinus* Abrams

Draft FNA9: "Rubus ursinus is often reminiscent in habit of the predominantly eastern North American but non-sympatric *R. flagellaris*, and is likewise polymorphic. Of agricultural significance, *R. ursinus* is a parent of several important cultivars, including loganberry and boysenberry. See discussion under *Rubus flagellaris* for the superficially similar *R. caesius*. See discussion under *R. spectabilis* for the application of the name *R. menziesii*."

**Rubus vestitus* Weihe & Nees [FNA9, HC, HC2]

Comp. Fl. Germ. 1: 684. 1825.

European blackberry

FNA9 "Rubus vestitus can be distinguished, especially from the closely related *R. bifrons* and *R. ulmifolius*, by its possession of long-stipitate-glandular trichomes, particularly in the inflorescence, and terminal primocane leaflets that are typically suborbiculate and abaxially densely tomentose. *Rubus allegheniensis* can possess similar glandular trichomes, but it does not have pink petals, inflorescences of cymes, and rounded and abaxially densely tomentose, often whitened terminal leaflets. *Rubus vestitus* is also reported from Washington state, although specimens we have examined from there identified as this species are actually *R. bifrons*. Because of the overall general similarity of *R. vestitus* to *R. bifrons*, we suspect that this potentially weedy species is widespread, but rare and possibly overlooked, from British Columbia south to California. "

Sanguisorba [HC, HC2]

burnet

(see also *Poteridium*, *Poterium*)

Sanguisorba menziesii Rydb. [FNA9, HC, HC2]

In N. L. Britton et al., N. Amer. Fl. 22: 387. 1908.

Menzies' burnet, small-head burnet

Sanguisorba media Hook.

FNA9: "*Sanguisorba menziesii* has sometimes been suggested to be a hybrid between *S. officinalis* and *S. sitchensis*. Some of its characteristics do suggest intermediacy and it is possible that it arose via hybridization, but it seems best to regard it as a species, as it forms populations separate from its possible parents and is fully fertile (P. S. Holloway and G. E. M. Matheke 2003)."

Sanguisorba officinalis L. [FNA9, HC, HC2]

Sp. Pl. 1: 116. 1753.

garden burnet, great burnet

Poterium officinale (L.) A. Gray

Sanguisorba microcephala C. Presl

Sanguisorba officinalis L. ssp. *microcephala* (C. Presl) Calder & Roy L. Taylor

FNA9: "Occurrences of *Sanguisorba officinalis* from eastern North America represent introductions from Eurasia; the species is native in western North America. There seem to be no consistent differences upon which to base a taxonomic distinction at any level between the native northwestern North American

material (*S. microcephala*) and Eurasian *S. officinalis* in the strict sense."

Sanguisorba stipulata Raf. [FNA9, HC2]

Herb. Raf. 47. 1833.

Sitka burnet

Sanguisorba canadensis L., misapplied

Sanguisorba canadensis L. ssp. *latifolia* (Hook.) Calder & Roy L. Taylor

Sanguisorba canadensis L. var. *latifolia* Hook.

Sanguisorba canadensis L. var. *sitchensis* (C.A. Mey.) Koidz.

Sanguisorba sitchensis C.A. Mey. [HC]

FNA: "The taxonomic and nomenclatural treatment of this taxon has been variable. Material from northwest North America and northeast Asia is not taxonomically distinguishable, a conclusion also reached by C. L. Li, H. Ikeda, and H. Ohba (1994). The name *Sanguisorba sitchensis* has been customarily applied to North American material, but the oldest name available for a taxon bridging the Bering Strait is *S. stipulata*. An additional taxonomic question is the relationship of this taxon to eastern North American *S. canadensis*. While similar and undoubtedly closely related, the taxa differ in several morphologic characters, are strongly allopatric in distribution, and are here regarded as sibling species."

Sibbaldia [HC, HC2]

sibbaldia

Sibbaldia procumbens L. [HC, HC2]

Sp. Pl. 1: 284. 1753.

creeping-glow-wort, creeping sibbaldia

Potentilla procumbens Clairv.

Potentilla sibbaldii Haller f., orthographic variant

****Sorbaria*** [HC2]

false spirea

Sorbus [HC, HC2]

mountain-ash, service tree, whitebeam

****Sorbus aucuparia*** L. [HC, HC2]

Sp. Pl. 1: 477. 1753.

European mountain-ash

Pyrus aucuparia (L.) Gaertn.

****Sorbus hybrida*** L. [HC2, Stace 1997]

Species Plantarum, Editio Secunda 1: 684. 1762.

Swedish mountain-ash, Swedish service-tree

Sorbus scopulina Greene [HC, HC2]

Pittonia 4(22): 130. 1900.

Greene's mountain ash, Cascade mountain-ash, western mountain-ash

Pyrus scopulina Longyear

Sorbus cascadenis G.N. Jones

Sorbus scopulina Greene var. *cascadenis* (G.N. Jones) C.L. Hitchc. [HC]

Sorbus scopulina Greene var. *scopulina* [HC]

Sorbus sitchensis M. Roem. [HC, HC2]

Syn. Rosifl. 139. 1847.

Sitka mountain-ash

Pyrus sitchensis (M. Roem.) Piper

var. *grayi* (Wenzig) C.L. Hitchc. [HC, HC2]

Vasc. Pl. Pacific NW 3: 189 1961.

Sitka mountain-ash

Pyrus sambucifolia Cham. & Schldl. var. *pumila* (Raf.) Sarg.

Sorbus occidentalis (S. Watson) Greene
Sorbus pumilus Raf.
Sorbus sambucifolia (Cham. & Schtdl.) M. Roem. var. *pumila* (Raf.) Koehne
Sorbus sitchensis M. Roem. ssp. *grayi* (Wenzig) Calder & Roy L. Taylor

var. *sitchensis* [HC, HC2]

Fam. Nat. Syn. Monogr. 3: 139. 1847.
Sitka mountain-ash

Sorbus americana Sudw. var. *sitchensis*

Spiraea [HC, HC2]

meadowsweet, spiraea, spirea

Spiraea douglasii Hook. [HC, HC2]

Fl. Bor.-Amer. (Hooker) 1(4): 172. 1832.
Douglas's spiraea, hardhack steeplebush

var. *douglasii* [FNA9, HC, HC2]

Fl. Bor.-Amer. 1: 172. 1832.
Douglas's spiraea

FNA9: "H. J. Scoggan (1978) identified two forma of var. *douglasii* based upon petal color: forma *alba* Scoggan (white) and forma *douglasii* (pink to deep rose). See discussion under var. *menziesii* for information that may also apply to var. *douglasii*."

var. *menziesii* (Hook.) C. Presl [FNA9, HC, HC2]

Abh. Königl. Böhm. Ges. Wiss., ser. 5, 6: 555. 1851.
Menzies's spiraea

Spiraea cuneifolia Raf.

Spiraea douglasii Hook. ssp. *menziesii* (Hook.) Calder & Roy L. Taylor

Spiraea menziesii Hook.

Spiraea subvillosa Rydb.

FNA9: "H. J. Scoggan (1978) identified two forma of var. *menziesii* based upon petal color: forma *menziesii* (Hooker) Voss (pink to deep rose) and forma *pseudosalicifolia* Boivin (white). These appear to be local forms that may be stable; petal color can be variable within varieties and species in *Spiraea* and the stability of these forms, within the variety and species as a whole, has not been fully assessed. A. R. Kruckeberg (1967) tested two strains of *S. douglasii* var. *menziesii* and found that one strain showed adaptation to soils derived from ultramafic rocks (serpentinite, peridotite, dunite) and one did not. Although not discussed by Kruckeberg, variation of flower color within the variety may be correlated with substrate."

Spiraea xhitchcockii W.J. Hess & Stoyloff [HC2]

Sida 18(3): 827-830, f. 1. 1999.
Hitchcock's spiraea

Jepson Manual, 2nd Edition: "[According to the protologue (Sida 18: 827. 1999), *Spiraea xhitchcockii* W. J. Hess & Stoyloff is a sterile (low pollen stainability; chromosomes mostly univalents), triploid (n = 27) hybrid between *Spiraea douglasii* Hook. var. *menziesii* (Hook.) C. Presl (a tetraploid, n = 18) and *Spiraea splendens* E. N. Baumann var. *rosea* (A. Gray) Kartesz & Gandhi (a diploid, n = 9)..."

Spiraea lucida Douglas ex Greene [FNA9, HC2]

Pittonia 2: 221. 1892.
shiny-leaf spiraea, shinyleaf spiraea

Spiraea betulifolia Pall. [HC], misapplied

Spiraea betulifolia Pall. ssp. *lucida* (Douglas ex Greene) Roy L. Taylor & MacBryde

Spiraea betulifolia Pall. var. *lucida* (Douglas ex Greene) C.L. Hitchc.

Draft FNA9: "*Spiraea lucida* has frequently been considered a variety of *S. betulifolia* based upon: (a) hypanthial vestiture, inflorescence shape, extent of leaf serration, and leaf texture (L. J. Uttal 1974); or (b) corymbiform panicles, white petals, plant nearly glabrous throughout (C. L. Hitchcock and A. Cronquist 1961; A. Cronquist et al. 1997; H. J. Scoggan 1978). Although these character states occur in the eastern Asian *S. betulifolia*, it has very different leaf architecture, which appears to be unique and not found in any

North American taxa. *Spiraea lucida* has an extremely variable leaf morphology that seems related to the tendency for stems to die back annually and the consequent annual production of long shoots. Although C. Sterling (1966) did not examine all taxa of *Spiraea*, the character states of carpel morphology of *S. stevenii* (see discussion) and *S. lucida* were similar and differed slightly from those of *S. betulifolia* (although the provenance of his specimen is not clear from the text)."

***Spiraea xpyramidata* Greene [FNA9, HC, HC2]**

Pittonia 2: 221. 1892.

pyramid spiraea

(= *Spiraea douglasii* var. *menziesii* x *Spiraea lucida*)

Spiraea menziesii Hook. var. *pyramidata* (Greene) Piper

Spiraea tomentulosa Rydb.

***Spiraea splendens* Baumann ex K. Koch [HC2]**

Monatsschr. Vereines Beford. Gartenbaues Konigl. Preuss. Staaten 18(7): 294. 1875.

rosy spiraea, subalpine spiraea

Spiraea betulifolia Pall. var. *rosea* A. Gray

Spiraea densiflora Nutt. ex Greenm. [HC]

Spiraea densiflora Nutt. ex Greenm. ssp. *splendens* (Baumann ex K. Koch) Abrams

Spiraea densiflora Nutt. var. *densiflora* [HC]

Spiraea densiflora Nutt. ex Greenm. var. *splendens* (Baumann ex K. Koch) C.L. Hitchc. [HC]

Spiraea lucida Dougl. ex Hook. var. *rosea* Greene

Spiraea splendens Baumann ex K. Koch ssp. *splendens* [ILBC]