

Washington Flora Checklist

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

Family: Polemoniaceae

56 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synonymy at the rank of genus and below follows the [2nd Edition of the Flora of the Pacific Northwest](#) except where superseded by new information.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:

Polemoniaceae [HC, HC2] Phlox Family

Aliciella [HC2]

aliciella, gilia

Aliciella leptomeria (A. Gray) J.M. Porter [HC2]

Aliso 17(1): 38. 1998.

Great Basin gilia, sand gily-flower

Gilia leptomeria A. Gray [HC, IMF4, JPM, KZ99]

Gilia leptomeria A. Gray var. *leptomeria* [HC]

Rare, tracked by WNHP. *G. lottiae*, which was split from this taxon is more common in Washington.

Aliciella lottiae (A.G. Day) J.M. Porter [HC2]

Aliso 17(1): 40. 1998.

Lott's gily-flower

Gilia lottiae A.G. Day [KZ99, JPM]

Not in Hitchcock. This taxon was split from *G. leptomeria*.

Collomia [HC, HC2]

collomia

Collomia debilis (S. Watson) Greene [HC, HC2]

Pittonia 1(3): 127. 1887.

alpine collomia

(see also *Collomia larsenii*)

var. *debilis* [HC, HC2]

Pittonia 1(8): 127. 1887.

alpine collomia

Collomia debilis (S. Watson) Greene var. *ipomoea* Payson

Collomia debilis (S. Watson) Greene var. *typica* Payson

Collomia grandiflora Douglas ex Lindl. [HC, HC2]

Bot. Reg. 13: pl. 1107. 1827.

large-flowered collomia, large-flower mountain-trumpet

Collomia heterophylla Douglas ex Hook. [HC, HC2]

Bot. Mag. 65: pl. 3695. 1838.

varied-leaf collomia, variable-leaf mountain-trumpet

Collomia larsenii (A. Gray) Payson [HC2, JPM]

Univ. Wyoming Publ. Sci., Bot. 1: 85. 1924.

Larsen's alpine collomia, talus collomia

Collomia debilis (S. Watson) Greene var. *larsenii* (A. Gray) Brand [HC]

Collomia linearis Nutt. [HC, HC2]

Proc. Amer. Acad. Arts 15(1): 50. 1880.

narrow-leaf collomia, narrow-leaf mountain-trumpet

Collomia macrocalyx Leiberg ex Brand [HC, HC2]

Repert. Spec. Nov. Regni Veg. 17: 317. 1921.

bristle-flowered collomia, bristle-flower mountain-trumpet

Collomia tenella A. Gray [HC, HC2]

Proc. Amer. Acad. Arts 8: 259. 1870.

diffuse collomia, diffuse mountain-trumpet

Collomia tinctoria Kellogg [HC, HC2]

Proc. Calif. Acad. Sci. 3(2): 17-18, f. 2. 1863.

yellow-staining collomia, yellow-staining mountain-trumpet

Eriastrum [HC, HC2]

eriastrum, woollystar

Eriastrum wilcoxii (A. Nelson) H. Mason [HC2, JPM]

Madroño 8(3): 85. 1945.

Wilcox's woolstar

Eriastrum sparsiflorum (Eastw.) H. Mason var. *wilcoxii* (A. Nelson) Cronquist [HC, IMF4]

Gilia [HC, HC2]

gilia

(see also *Aliciella*, *Ipomopsis*, *Lathrocasis*, *Microgilia*, *Navarretia*)

Gilia capitata Sims [HC, HC2]

Bot. Mag. 53: t. 2698. 1826.

bluehead gilia, globe gilia

ssp. *capitata* [HC2, JPM]

Bot. Mag. 53: pl. 2698. 1826.

bluefield gilia, globe gilia

Gilia inconspicua (Sm.) Sweet [HC2, JPM]

Hort. Brit. 286. 1826.

shy gily-flower

Gilia sinuata Douglas ex Benth. [HC, HC2, JPM]

Prodr. 9: 313. 1845.

shy gilia, sinuate gilia, rosy gily-flower

Gilia inconspicua (Sm.) Sweet var. *sinuata* (Douglas ex Benth.) A. Gray [IMF4]

Gilia sinuata Dougl. var. *sinuata* [HC]

Ipomopsis [HC2]

ipomopsis, skyrocket

Ipomopsis aggregata (Pursh) V.E. Grant [HC2]

Aliso 3: 360. 1956.

scarlet gilia

Cantua aggregata Pursh

Gilia aggregata (Pursh) Spreng. [HC]

Gilia pulchella

ssp. *aggregata* [HC2, JPM2]

Aliso 3(3): 360. 1956.

scarlet gilia, skyrocket

Gilia aggregata (Pursh) Spreng. ssp. *euaggregata* Brand

Gilia aggregata (Pursh) Spreng. var. *aggregata* [HC, IMF4]

Ipomopsis aggregata (Pursh) V.E. Grant ssp. *formosissima* (Greene) Wherry [HC2, JPM], misapplied

Ipomopsis aggregata (Pursh) V.E. Grant var. *aggregata* [IFBC]

Ipomopsis congesta (Hook.) V.E. Grant [HC2]

Aliso 3: 361. 1956.

ball-head gilia, many-flowered gilia

Gilia congesta Hook. [HC]

ssp. *congesta* [HC2, JPM]

Aliso 3(3): 361. 1956.

ball-head gilia, many-flowered gilia

Gilia burleyana A. Nelson

Gilia congesta Hook. var. *burleyana* (A. Nelson) Constance & Rollins
Gilia congesta Hook. var. *congesta* [HC, IMF4]

Lathrocasis [HC2]

lathrocasis

Lathrocasis tenerrima (A. Gray) L.A. Johnson [HC2, JPM2]

Aliso 19(1): 67. 2000.

delicate gilia

Gilia tenerrima A. Gray [HC]

Leptosiphon [HC2]

leptosiphon, linanthus

Linanthastrum [HC]

Leptosiphon bicolor Nutt. [HC2, JPM2]

Proc. Acad. Nat. Sci. Philadelphia 4(1): 11. 1848.

bicolored babystars, bicolored linanthus

(see also *Leptosiphon minimus*)

Linanthus bicolor (Nutt.) Greene [HC]

Linanthus bicolor (Nutt.) Greene var. *bicolor* [HC]

Leptosiphon bolanderi (A. Gray) J.M. Porter & L.A. Johnson [HC2, JPM2]

Aliso 19(1): 80. 2000.

Bolander's desert-trumpets, Baker's linanthus

Linanthus bakeri H. Mason [HC]

Linanthus bolanderi (A. Gray) Greene [JPM]

Leptosiphon harknessii (Curran) J.M. Porter & L.A. Johnson [HC2, JPM2]

Aliso 19(1): 80. 2000.

Harkness's desert-trumpets, three-seed desert-trumpets

Linanthus harknessii (Curran) Greene [HC]

Linanthus harknessii (Curran) Greene ssp. *condensatus* H. Mason

Leptosiphon liniflorus (Benth.) J.M. Porter & L.A. Johnson [HC2, JPM2]

Aliso 19(1): 81. 2000.

flax-flower desert-trumpets, thread-stem linanthus, thread-stemmed linanthus

Gilia pharnaceoides Benth.

Linanthus liniflorus (Benth.) Greene [JPM]

Linanthus liniflorus (Benth.) Greene ssp. *pharnaceoides* (Benth.) H. Mason

Linanthus liniflorus (Benth.) Greene var. *pharnaceoides* (Benth.) A. Gray

Linanthus pharnaceoides (Benth.) Greene [HC, IMF]

Leptosiphon minimus (H. Mason) R. Patt. [IPNI]

Phytoneuron 2021-58: 1. 2021.

true babystars

Leptosiphon minimus (H. Mason) Battaglia is an invalid name (Phytoneuron 2021-58: 1. 2021).

Leptosiphon nuttallii (A. Gray) J.M. Porter & L.A. Johnson [HC2]

Aliso 19(1): 81. 2000.

Nuttall's leptosiphon

Gilia nuttallii A. Gray

Leptodactylon nuttallii (A. Gray) Rydb.

Linanthastrum nuttallii (A. Gray) Ewan [HC, IMF4]

Linanthus nuttallii (A. Gray) Greene ex Milliken

ssp. nuttallii [HC2, JPM2]

Aliso 19(1): 81. 2000.

Nuttall's leptosiphon

Linanthus nuttallii (A. Gray) Greene ex Milliken ssp. *nuttallii*

ssp. pubescens (R. Patt.) J.M. Porter & L.A. Johnson [HC2]

Aliso 19(1): 81. 2000.

Nuttall's leptosiphon

Linanthastrum nuttallii (A. Gray) Ewan var. *pubescens* (R. Patt.) Cronquist

Linanthus nuttallii (A. Gray) Greene ex Milliken ssp. *pubescens* R. Patt.

Occurs in California and Nevada; disjunct in the Wenatchee Mountains of Washington.

Leptosiphon septentrionalis (H. Mason) J.M. Porter & L.A. Johnson [HC2, JPM2]

Aliso 19(1): 81. 2000.

northern desert-trumpets, northern linanthus

Gilia septentrionalis (H. Mason) H. St. John

Linanthus harknessii (Curran) Greene var. *septentrionalis* (H. Mason) Jeps. & V. Bailey

Linanthus septentrionalis H. Mason [HC, IMF4, JPM, KZ99]

Linanthus [HC, HC2]

linanthus, prickly-phlox

Linanthus pungens (Torr.) J.M. Porter & L.A. Johnson [HC2, JPM2]

Aliso 19(1): 82. 2000.

prickly phlox

Gilia hallii Parish

Gilia pungens (Torr.) Benth.

Gilia pungens (Torr.) Benth. var. *hookeri* (Douglas ex Hook.) A. Gray

Leptodactylon hazeliae M. Peck

Leptodactylon lilacinum Greene ex Brand

Leptodactylon pungens (Torr.) Nutt. [HC, IMF4]

Leptodactylon pungens (Torr.) Nutt. ssp. *eupungens* (Brand) Wherry

Leptodactylon pungens (Torr.) Nutt. ssp. *hallii* (Parish) H. Mason

Leptodactylon pungens (Torr.) Nutt. ssp. *hazeliae* (M. Peck) Meinke

Leptodactylon pungens (Torr.) Nutt. ssp. *hookeri* (Benth.) Wherry

Leptodactylon pungens (Torr.) Nutt. ssp. *pulchriflorum* (Brand) H. Mason

Leptodactylon pungens (Torr.) Nutt. ssp. *squarrosum* (A. Gray) Tidestr.

Leptodactylon pungens (Torr.) Nutt. var. *hallii* (Parish) Jeps.

Leptodactylon pungens (Torr.) Nutt. var. *hookeri* (Benth.) Jeps.

Microgilia [HC2]

gilia

Microgilia minutiflora (Benth.) J.M. Porter & L.A. Johnson [HC2]

Aliso 19(1): 79. 2000.

small-flowered gilia, small-flower skyrocket

Gilia minutiflora Benth. [HC]

Ipomopsis minutiflora (Benth.) V.E. Grant [IFBC]

Microsteris [HC, HC2]

microsteris

Microsteris gracilis (Hook.) Greene [HC, HC2, JPM2]

Pittonia 3: 300. 1898.

pink microsteris, slender phlox

Gilia gracilis Hook.

Gilia gracilis Hook. var. *humilior* (Hook.) H. St. John

Microsteris gracilis (Hook.) Greene ssp. *humilis* (Greene) Brand

Microsteris gracilis (Hook.) Greene var. *gracilis* [HC, IMF4]

Microsteris gracilis (Hook.) Greene var. *humilior* (Hook.) Cronquist [HC, IMF4]

Microsteris humilis Greene

Microsteris micrantha (Kellogg) Greene
Phlox gracilis (Hook.) Greene
Phlox gracilis (Hook.) Greene ssp. *gracilis* [KZ99, JPM]
Phlox gracilis (Hook.) Greene ssp. *humilis* (Greene) H. Mason [KZ99]
Phlox gracilis (Hook.) Greene var. *humilior* (Hook.) B. Boivin

Navarretia [HC, HC2]

navarretia, pincushion-plant

Navarretia breweri (A. Gray) Greene [HC, HC2]

Pittonia 1: 137. 1887.

Brewer's navarretia, yellow-flowered navarretia, yellow pincushion-plant

Navarretia divaricata Greene [HC, HC2]

Pittonia 1(3): 136. 1887.

divaricate navarretia, mountain navarretia, divaricate pincushion-plant, mountain pincushion-plant

ssp. *divaricata* [HC2, JPM2]

Pittonia 1: 136. 1887.

mountain navarretia

Navarretia intertexta (Benth.) Hook. [HC, HC2]

Fl. Bor.-Amer. (Hooker) 2(8): 75. 1837.

needle-leaf navarretia

(see also *Navarretia propinqua*)

Navarretia intertexta (Benth.) Hook. ssp. *intertexta* [JPM]

Navarretia intertexta Nutt. var. *intertexta* [HC]

Navarretia minima Nutt. var. *intertexta* (Benth.) B. Boivin

Navarretia leucocephala Benth. [HC2]

Pl. Hartw. [Bentham] 324. 1849.

least navarretia

ssp. *diffusa* Bjork [HC2]

Madroño 49(3): 165. 2002.

diffuse navarretia

ssp. *minima* (Nutt.) A.G. Day [HC2, JPM]

Novon 3(4): 337. 1993.

least navarretia

Navarretia minima Nutt. [HC, IMF4]

Navarretia linearifolia (Howell) L. A. Johnson [HC2]

Syst. Bot. 35(3): 625. 2010.

linear-leaved navarretia

ssp. *linearifolia* [HC2]

Syst. Bot. 35(3): 625. 2010.

linear-leaved navarretia, linear-leaved pincushion-plant

See Syst. Bot. 35(3): 625 for how *G. capillaris*/*N. capillaris* are misapplied names for this species.

Navarretia propinqua Suksd. [HC2]

Allg. Bot. Z. Syst. 12: 26. 1904.

Great Basin navarretia, near navarretia

Gilia propinqua (Suksd.) H. St. John

Navarretia intertexta (Benth.) Hook. ssp. *propinqua* (Suksd.) A.G. Day [JPM2]

Navarretia intertexta (Benth.) Hook. var. *propinqua* (Suksd.) Brand [HC, IMF4]

Navarretia sinistra (M.E. Jones) L.A. Johnson [HC2]

Aliso 19(1): 68. 2000.

Alva Day's pincushion-plant

See Aliso 19(1): 68. 2000 for details of how this species relates to *N. capillaris*.

***Navarretia squarrosa* (Eschsch.) Hook. & Arn. [HC, HC2]**

Bot. Beechey Voy. 368. 1839.
skunkweed

Gilia squarrosa (Eschsch.) Hook. & Arn.

***Navarretia tagetina* Greene [HC, HC2]**

Pittonia 1: 137. 1887.
marigold navarretia, northern navarretia, marigold pincushion-plant

***Phlox* [HC, HC2]**

phlox, wild sweet-william

***Phlox caespitosa* Nutt. [HC, HC2]**

J. Acad. Nat. Sci. Philadelphia 7(1): 41, pl. 6, f. 1. 1834.
clumped phlox, clustered phlox, stiff phlox, tufted phlox

Phlox caespitosa Nutt. ssp. *eucaespitosa* Brand
Phlox diffusa Benth. ssp. *scleranthifolia* (Rydb.) Wherry
Phlox douglasii Hook.
Phlox douglasii Hook. ssp. *eudouglasii* Brand
Phlox douglasii Hook. ssp. *rigida* (Benth.) Wherry
Phlox rigida Benth.
Phlox scleranthifolia Rydb.

***Phlox colubrina* Wherry & Constance [HC, HC2]**

American Midland Naturalist 19(2): 433-435, f. 1-2. 1938.
Snake River phlox

***Phlox diffusa* Benth. [HC, HC2]**

Pl. Hartw. [Bentham] 325 (-326) 1849.
spreading phlox

Phlox cyanea Eastw.
Phlox diffusa Benth. ssp. *longistylis* Wherry [KZ99]
Phlox diffusa Benth. ssp. *subcarinata* Wherry [JPM]
Phlox diffusa Benth. var. *longistylis* (Wherry) M. Peck [HC]

***Phlox hendersonii* (E.E. Nelson) Cronquist [HC, HC2]**

Vasc. Pl. Pacific NW 4: 130. 1959.
Henderson's phlox

Phlox douglasii Hook. ssp. *hendersonii* (E.E. Nelson) Wherry

***Phlox hoodii* Richardson [HC, HC2]**

Narr. Journey Polar Sea 733, pl. 28. 1823.
Hood's phlox

ssp. *canescens* (Torr. & A. Gray) Wherry [HC2, IMF4, JPM, KZ99]

Proc. Acad. Nat. Sci. Philadelphia 90: 139. 1938.
carpet phlox, Hood's phlox

Phlox canescens Torr. & A. Gray
Phlox hoodii Richardson var. *canescens* (Torr. & A. Gray) M. Peck
Phlox muscoides Nutt. [HC]

***Phlox longifolia* Nutt. [HC, HC2]**

J. Acad. Nat. Sci. Philadelphia 7(1): 41-42. 1834.
long-leaf phlox

Phlox grahamii Wherry
Phlox longifolia Nutt. ssp. *calva* Wherry
Phlox longifolia Nutt. ssp. *compacta* (Brand) Wherry
Phlox longifolia Nutt. ssp. *cortezana* (A. Nelson) Wherry
Phlox longifolia Nutt. ssp. *humilis* (Brand) Wherry
Phlox longifolia Nutt. ssp. *longifolia* [KZ99]

Phlox longifolia Nutt. ssp. *longipes* (M.E. Jones) Wherry
Phlox longifolia Nutt. ssp. *typica* Wherry
Phlox longifolia Nutt. ssp. *viridis* (E.E. Nelson) Wherry
Phlox longifolia Nutt. var. *linearifolia* (Hook.) Brand
Phlox longifolia Nutt. var. *longipes* (M.E. Jones) M. Peck
Phlox longifolia Nutt. var. *puberula* E.E. Nelson
Phlox longifolia Nutt. var. *viridis* (E.E. Nelson) Peabody
Phlox stansburyi (Torr.) A. Heller [JPM]
Phlox viridis E.E. Nelson
Phlox viridis E.E. Nelson ssp. *compacta* (Brand) Wherry
Phlox viridis E.E. Nelson ssp. *longipes* (M.E. Jones) Wherry
Phlox viridis E.E. Nelson ssp. *viridis*

Phlox multiflora A. Nelson [HC, HC2]

Bull. Torrey Bot. Club 25(5): 278. 1898.
many-flowered phlox

Phlox solivaga Mayfield & Darrach [HC2]

Phytoneuron 2015-25: 1712. 2015.
yeti phlox

Phlox solivagus Mayfield & Darrach, orthographic variant

Recently (2015) described from the Blue Mts.

Phlox speciosa Pursh [HC, HC2, JPM2]

Fl. Amer. Sept. 1: 149. [1813]. 1814.
showy phlox

Phlox speciosa Pursh ssp. *lanceolata* (E.E. Nelson) Wherry
Phlox speciosa Pursh ssp. *lignosa* Brand
Phlox speciosa Pursh ssp. *nitida* (Suksd.) Wherry [JPM]
Phlox speciosa Pursh ssp. *occidentalis* (Durand ex Torr.) Wherry
Phlox speciosa Pursh ssp. *speciosa*
Phlox speciosa Pursh var. *nitida* Suksd.
Phlox speciosa Pursh var. *occidentalis* (Durand ex Torr.) M. Peck

Phlox viscida E.E. Nelson [HC, HC2]

Revis. W. N. Amer. Phlox. 24. 1899.
sticky phlox

Polemonium [HC, HC2]

Jacob's-ladder, polemonium, sky-pilot

Polemonium californicum Eastw. [HC2, JPM]

Bot. Gaz. 37(6): 437-438. 1904.
low Jacob's-ladder

Polemonium columbianum Rydb.
Polemonium pulcherrimum Hook. ssp. *tricolor* (Eastw.) Brand
Polemonium pulcherrimum Hook. var. *calycinum* (Eastw.) Brand [HC, IMF4]

Polemonium carneum A. Gray [HC, HC2, JPM]

Syn. Fl. N. Amer. 2(1): 151. 1878.
royal Jacob's-ladder, great polemonium, salmon polemonium

Polemonium carneum A. Gray ssp. *luteum* (A. Gray) Brand

Polemonium elegans Greene [HC, HC2]

Pittonia 3(18D): 305. 1898.
elegant Jacob's-ladder, elegant polemonium

Probably related to *P. chartaceum* H. Mason [JPM].

Polemonium micranthum Benth. [HC, HC2, JPM2]

Prodr. 9: 318. 1845.

annual Jacob's-ladder, annual polemonium

Polemoniella micrantha (Benth.) A. Heller

***Polemonium occidentale* Greene [HC, HC2]**

Pittonia 2(8): 75. 1890.

western Jacob's-ladder, western polemonium

Polemonium caeruleum L. ssp. *amygdalium* (Wherry) Munz

Polemonium caeruleum L. ssp. *occidentale* (Greene) J.F. Davidson

Polemonium caeruleum L. var. *pterospermum* Benth.

Polemonium helleri Brand

Polemonium intermedium (Brand) Rydb.

Polemonium occidentale Greene ssp. *amygdalium* Wherry

Polemonium occidentale Greene ssp. *occidentale* [JPM2]

Polemonium occidentale Greene ssp. *typicum* Wherry

***Polemonium pectinatum* Greene [HC, HC2]**

Bull. Calif. Acad. Sci. 1(1): 10. 1884.

Washington Jacob's-ladder, Washington polemonium

***Polemonium pulcherrimum* Hook. [HC, HC2]**

Bot. Mag. 57: t. 2979. 1830.

showy polemonium

(see also *Polemonium californicum*)

var. *pulcherrimum* [HC, HC2, JPM]

Bot. Mag. 57: pl. 2979. 1830.

showy Jacob's-ladder

Polemonium berryi Eastw.

Polemonium fasciculatum Eastw.

Polemonium haydenii A. Nelson

Polemonium humile Lindl.

Polemonium lindleyi Wherry

Polemonium pilosum (Greenm.) G.N. Jones

Polemonium pulcherrimum Hook. ssp. *pulcherrimum* [KZ99]

Polemonium pulcherrimum Hook. var. *lindleyi* (Wherry) J.P. Anderson

Polemonium pulcherrimum Hook. var. *pilosum* (Greenm.) Brand [JPM2]

Polemonium shastense Baker ex Eastw.

***Polemonium viscosum* Nutt. [HC, HC2]**

J. Acad. Nat. Sci. Philadelphia, ser. 2, 1: 154. 1848.

sticky Jacob's-ladder, sticky polemonium

Polemonium viscosum Nutt. ssp. *genuinum* Wherry

Polemonium viscosum Nutt. ssp. *lemmonii* (Brand) Wherry

Rare, tracked by the WNHP.