

Flora of the Pacific Northwest Checklist

A checklist of the Vascular Plants of the Pacific Northwest
Hosted by the University of Washington Herbarium

Family: Phrymaceae

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

The Flora of the Pacific Northwest Checklist aims to be a complete list of the native and naturalized vascular plants of the Pacific Northwest, 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synonymy at the rank of genus and below follows the [2nd Edition of the Flora of the Pacific Northwest](#) except where superseded by new information.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.

Created from the Flora of the PNW Checklist database on June 4th, 2026 at 12:21pm PT.

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

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Dicots:

Phrymaceae [HC2] Lopseed Family

Taxonomy follows APG III (<http://www.mobot.org/mobot/research/apweb/welcome.html>).

Diplacus [HC2]

monkey-flower

Diplacus cascadensis G.L. Nesom [HC2]

Cascade monkey-flower

Diplacus clivicola (Greenm.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1?60. 2012.

bank monkey-flower

Mimulus clivicola Greenm. [HC]

No vouchers from WA exist for this species despite extensive review of herbarium specimens from throughout the region by past and present researchers (Thompson, Nesom). This species is considered excluded from the flora until it is documented in the wild here in WA.

Diplacus cusickioides G.L. Nesom [HC2]

Phytoneuron 2013-65: 1?18. 2013.

Nesom's monkey-flower

Diplacus cusickii (Greene) G.L. Nesom [HC2], misapplied

Nesom: "Diplacus cusickii proves to be narrowly endemic to northern Malheur Co., Oregon, and a few localities in immediately adjacent Idaho along the Snake River; populations outside of this area previously identified as *Mimulus cusickii* are described here as *Diplacus cusickioides* Nesom.."

Diplacus deschutesensis G.L. Nesom [HC2]

Deschutes monkey-flower

Diplacus jepsonii (A.L. Grant) G.L. Nesom [HC2]

Jepson's monkey-flower

Diplacus nanus (Hook. & Arn.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1?60. 2012.

dwarf purple monkey-flower

Mimulus nanus Hook. & Arn. [HC]

Mimulus nanus Hook. & Arn. ssp. *nanus*

Mimulus nanus Hook. & Arn. var. *nanus* [JPM2]

Diplacus tricolor (Hartw. ex Lindl.) G.L. Nesom [HC2]

tricolored monkey-flower

Mimulus tricolor Hartw. ex Lindl. [HC]

Erythranthe [HC2]

monkey-flower

Erythranthe alsinoides (Douglas ex Benth.) G.L. Nesom & N.S. Fraga [HC2]

Phytoneuron 2012-39: 1?60. 2012.

chickweed monkey-flower, wing-stem monkey-flower

Mimulus alsinoides Douglas ex Benth. [HC]

Erythranthe ampliata (A.L. Grant) G.L. Nesom [HC2]

Phytoneuron 2012?39: 38. 2012.

Nez Perce monkey-flower

Known from Asotin County based on a single collection (1949).

Erythranthe arvensis (Greene) G.L. Nesom [HC2]

Phytoneuron 2012-39: 43. 2012.
field monkey-flower

Mimulus arvensis Greene

Erythranthe breviflora (Piper) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1760. 2012.
short-flowered monkey-flower

Mimulus breviflorus Piper [HC]

Erythranthe breweri (Greene) G.L. Nesom & N.S. Fraga [HC2]

Phytoneuron 2012-39: 1760. 2012.
Brewer's monkey-flower

Mimulus breweri (Greene) Coville [HC, JPM]

Mimulus rubellus A. Gray var. *breweri* (Greene) Jeps.

Erythranthe caespitosa (Greene) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1760. 2012.
large mountain monkey-flower

Mimulus tilingii Regel var. *caespitosus* (Greene) A.L. Grant [HC]

Erythranthe cardinalis (Douglas ex Benth.) Spach [HC2]

Phytoneuron 2012-39: 1760. 2012.
scarlet monkey-flower

Diplacus cardinalis (Douglas ex Benth.) Groenland

Mimulus cardinalis Douglas ex Benth. [JPM]

The occurrences in WA are localized in Yakima County near the confluence of Oak Creek and the Tieton River. It is likely that there were homesteads historically in the Oak Creek drainage and that the persistent populations represent naturalized escapes from prior cultivation.

Erythranthe decora (A.L. Grant) G.L. Nesom [HC2]

Phytoneuron 2012-39: 43. 2012.
sharp-leaved monkey-flower, showy monkey-flower

Mimulus decorus (A.L. Grant) Suksd.

Mimulus guttatus DC. var. *decorus* A.L. Grant

Nesom: "Erythranthe decora is distinct in its uniformly ovate to ovate-lanceolate leaf blades with truncate bases and regularly toothed margins, relatively long internodes, rhizomatous habit, mostly unbranched stems, often with leafy runners from basal nodes, large corollas, hairy styles, and minutely hirtellous stems, pedicels, calyces, and leaf surfaces. The thin, densely produced rhizomes suggest a relationship with the *E. tilingii* group."

Erythranthe dentata (Nutt. ex Benth.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1760. 2012.
coastal monkey-flower, tooth-leaved monkey-flower

Mimulus dentatus Nutt. ex Benth. [HC]

Erythranthe floribunda (Douglas ex Lindl.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1760. 2012.
purple-stem monkey-flower

Mimulus deltoides Gand.

Mimulus floribundus Lindl. [HC]

Mimulus floribundus Lindl. var. *membranaceus* (A. Nelson) A.L. Grant [HC]

Mimulus membranaceus A. Nelson

Mimulus peduncularis Douglas ex Benth.

Mimulus peduncularis A. Gray

Mimulus pubescens Benth.

Mimulus serotinus Suksd.

Erythranthe grandis (Greene) G.L. Nesom [HC2]

Phytoneuron 2012-39: 43. 2012.
large monkey-flower

Mimulus guttatus DC. var. *grandis* Greene [HC]

Erythranthe guttata (Fisch. ex DC.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1760. 2012.
seep monkey-flower, yellow monkey-flower
(see also *Erythranthe arvensis*, *Erythranthe grandis*, *Erythranthe microphylla*, *Erythranthe nasuta*)

Mimulus guttatus DC. [HC]

Mimulus guttatus DC. var. *guttatus* [HC]

Erythranthe hymenophylla (Meinke) G.L. Nesom [HC2]

thin-sepal monkey-flower

Erythranthe inflatula (Suksd.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 38. 2012.
disappearing monkey-flower

Mimulus inflatulus Suksd.

Erythranthe jungermannioides (Suksd.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1760. 2012.
liverwort monkey-flower

Mimulus jungermannioides Suksd. [HC]

Considered extirpated from Washington.

Erythranthe lewisii (Pursh) G.L. Nesom & N.S. Fraga [HC2]

Phytoneuron 2012-39: 1760. 2012.
great purple monkey-flower

Mimulus lewisii Pursh [HC]

Erythranthe microphylla (Benth.) G.L. Nesom [HC2]

Phytoneuron 40: 17123. 2012.
small-leaved monkey-flower

Mimulus guttatus DC. var. *depauperatus* (A. Gray) A.L. Grant [HC]

From Phytoneuron 40: 17123. "In rupibus ad flum. Oregon, (Douglas!)" (holotype: K). Pennell (1951, p. 710) noted that the locality visited by Douglas is "Tongue Point, in the present Wahkiakum County, Washington." Treated as a distinct species by Pennell (1951), who noted that its range is "Cascade Mountains and coastal forests from northern Washington to northern California, east to central Idaho."

Erythranthe moschata (Douglas ex Lindl.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1760. 2012.
musk-flower, musk-plant

Erythranthe moniliformis (Greene) G.L. Nesom

Mimulus moniliformis Greene

Mimulus moschatus Douglas ex Lindl. [HC]

Mimulus moschatus Douglas ex Lindl. var. *longiflorus* A. Gray [KZ99]

Mimulus moschatus Douglas ex Lindl. var. *moniliformis* (Greene) Munz

Mimulus moschatus Douglas ex Lindl. var. *moschatus* [HC]

Mimulus moschatus Douglas ex Lindl. var. *sessilifolius* A. Gray [HC]

Populations west of the Cascades crest previously assigned to this species are likely referable to *E. ptilota*.

Erythranthe nasuta (Greene) G.L. Nesom [HC2]

Phytoneuron 2012-40: 44. 2012.
large-nose monkey-flower, snouted monkey-flower

Mimulus guttatus DC. var. *nasutus* (Greene) Jeps.

Mimulus nasutus Greene

Mimulus puncticalyx Gand.

Nesom, Phytoneuron 40: 1?123: "Erythranthe nasuta is characterized by its annual duration (fibrous-rooted), 4-angled stems, broadly ovate leaves commonly with irregularly toothed margins, calyces with longish, protruding upper lobe, short corollas (autogamous ?? chasmogamous or cleistogamous), and glandular vestiture only in the axils. At least the distal and bracteal leaves consistently have hirtellous to hirsutulous adaxial surfaces, even in the smallest of plants."

Erythranthe patula (Pennell) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1?60. 2012.
stalk-leaved monkey-flower

Mimulus patulus Pennell

Erythranthe primuloides (Benth.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1?60. 2012.
primrose monkey-flower

Mimulus primuloides Benth. [HC]

Erythranthe ptilota G.L. Nesom [HC2]

Phytoneuron 2017-17: 4. 2017.
sessile-leaved monkey-flower

Mimulus moschatus Douglas ex Lindl. var. *pallidiflorus* Suksd.

Erythranthe pulsiferae (A. Gray) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1?60. 2012.
candelabrum monkey-flower, Pulsifer's monkey-flower

Mimulus pulsiferae A. Gray [HC]

Erythranthe scouleri (Hook.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 44. 2012.
Scouler's monkey-flower

Erythranthe suksdorfii (A. Gray) N.S. Fraga [HC2]

Phytoneuron 2012-39: 1?60. 2012.
miniature monkey-flower

Mimulus suksdorfii A. Gray [HC]

Erythranthe tilingii (Regel) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1?60. 2012.
veronica-leaved monkey-flower
(see also *Erythranthe caespitosa*)

Mimulus tilingii Regel [HC]

Mimulus tilingii Regel var. *tilingii* [HC]

Erythranthe washingtonensis (Gand.) G.L. Nesom [HC2]

Phytoneuron 2012-39: 1?60. 2012.
Washington monkey-flower

Mimulus washingtonensis Gand. [HC]

Mimetanthe [HC, HC2]

mimetanthe

Mimetanthe pilosa (Benth.) Greene [HC, HC2]

Bulletin of the California Academy of Sciences 1(4A): 181 [1885]. 1886.
downy monkey-flower, false monkey-flower

Mimulus pilosus (Benth.) S. Watson

**Mimulus* [HC, HC2]

monkey-flower

**Mimulus ringens* L. [HC2, JPM2]

Sp. Pl. 2: 634. 1753.

Allegheny monkey-flower, square-stemmed monkey-flower

**var. ringens* [HC2, JPM]

Sp. Pl. 2: 634. 1753.

Allegheny monkey-flower, square-stemmed monkeyflower