

# 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synonymy at the rank of genus and below follows the [2nd Edition of the Flora of the Pacific Northwest](#) except where superseded by new information.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 April 4th, 2026 at 3:46pm 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