

# Flora of the Pacific Northwest Checklist

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

## Family: Lamiaceae

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at the rank of genus and below follows the [2nd Edition of the Flora of the Pacific Northwest](#) except where superseded by new information.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

LASTNAME, F., OTHER PEOPLE. 2023+. Checklist of the Vascular Plants of the Pacific Northwest. University of Washington Herbarium. <https://burkeherbarium.org/pnwflora/>. Accessed Apr 4, 2026.

# Dicots:

**Labiatae:** see Lamiaceae

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## Lamiaceae [HC2] Mint Family

### Synonyms:

Labiatae [HC]

### *Agastache* [HC, HC2]

agastache, giant-hyssop, horse-mint

#### *Agastache cusickii* (Greenm.) A. Heller [HC, HC2]

Cusick's giant-hyssop, Cusick's horse-mint

#### *Agastache occidentalis* (Piper) A. Heller [HC, HC2]

Muhlenbergia; a journal of botany 1(1): 4. 1900.  
western giant-hyssop

#### *Agastache urticifolia* (Benth.) Kuntze [HC, HC2]

Revis. Gen. Pl. 2: 511. 1891.

nettle-leaf giant-hyssop

#### var. *urticifolia* [HC2]

Revis. Gen. Pl. 2: 511. 1891.

nettle-leaf giant-hyssop

### \**Ajuga* [HC, HC2]

bugle

#### \**Ajuga reptans* L. [HC, HC2]

Sp. Pl. 2: 561. 1753.

carpet bugle

### \**Ballota* [HC2]

#### \**Ballota nigra* L. [HC2]

No specimens from non-cultivated settings. Not established in the flora.

#### \*ssp. *foetida* (Vis.) Hayek [HC2, Stace 1997]

Prodromus Florae Peninsulae Balcanicae 2. 1929.

black horehound

No specimens from non-cultivated settings. Not established in the flora.

### *Clinopodium* [HC2]

clinopodium

#### *Clinopodium douglasii* (Benth.) Kuntze [HC2, IFBC]

Revisio Generum Plantarum 2: 515. 1891.

Oregon-tea, yerba buena

*Micromeria chamissonis* (Benth.) Greene

*Satureja chamissonis* (Benth.) Briq.

*Satureja douglasii* (Benth.) Briq. [HC]

#### \**Clinopodium vulgare* L. [HC2, IFBC]

Sp. Pl. 2: 587-588. 1753.

wild basil

*Satureja vulgaris* (L.) Fritsch

***Dracocephalum*** [HC, HC2]

dragonhead

***Dracocephalum parviflorum*** Nutt. [HC, HC2]

Gen. N. Amer. Pl. 2: 35. 1818.

American dragonhead

\****Dracocephalum thymiflorum*** L. [HC, HC2]

thyme-leaved dragonhead

\****Galeopsis*** [HC, HC2]

hemp nettle

\****Galeopsis bifida*** Boenn. [HC2, Stace 1997]

Prodr. Fl. Monast. Westphal. 178. 1824.

bifid hemp nettle

\****Galeopsis tetrahit*** L. [HC, HC2]

Sp. Pl. 2: 579-580 1753.

common hemp nettle

\***var. *tetrahit*** [HC2]

common hemp nettle

\****Glechoma*** [HC2]

ground ivy

*Glechoma* [HC], orthographic variant

\****Glechoma hederacea*** L. [HC2]

Sp. Pl. 2: 578. 1753.

field balm, creeping Charlie, ground ivy

*Glechoma hederacea* L. [HC], orthographic variant

Note that H&C use the spelling "Glechoma", which is invalid.

***Hedeoma*** [HC, HC2]

pennyroyal

***Hedeoma drummondii*** Benth. [HC, HC2]

Drummond's pennyroyal

***Hedeoma hispida*** Pursh [HC, HC2]

rough pennyroyal

\****Hedeoma pulegioides*** (L.) Pers. [HC2]

\****Hyssopus*** [HC2]

hyssop

\****Hyssopus officinalis*** L. [HC2]

Known only from a single collection in an urban setting. This species is considered excluded until other specimens are collected showing that it is naturalized.

\****Lallemantia*** [HC2]

lallemantia

\****Lallemantia peltata*** (L.) Fisch. & C.A. Mey. [HC2]

Index Seminum [St.Petersburg (Petropolitanus)] 6: 53. 1840.

lion's heart

*Dracocephalum peltatum* L.

Recently collected (2015) in Asotin County.

\**Lamiastrum* [WTU]  
yellow archangel

\**Lamium* [HC, HC2]

\**Lamium album* L. [HC2]

This species was known in Washington from a single population on the University of Washington campus. That population has since been eradicated.

\**Lamium amplexicaule* L. [HC, HC2]

Sp. Pl. 2: 579. 1753.  
common dead-nettle, giraffehead

\**Lamium galeobdolon* (L.) L. [WTU]

Amoen. Acad., Linnaeus ed. 4: 485. 1759.  
yellow archangel, yellow dead-nettle

*Lamiastrum galeobdolon* (L.) Ehrend. & Polatschek

*Lamiastrum galeobdolon* (L.) Ehrend. & Polatschek ssp. *argentatum* (Smejkal) Stace

\**Lamium hybridum* Vill. [HC2, Stace 1997]

Hist. Pl. Dauphiné 1: 251. 1786.  
cutleaf dead-nettle

Not in H&C.

\**Lamium maculatum* L. [HC, HC2]

Sp. Pl. (ed. 2) 2: 809. 1763.  
spotted hen-nettle, spotted henbit

\**Lamium purpureum* L. [HC, HC2]

Sp. Pl. 2: 579. 1753.  
red dead-nettle, henbit

*Lamium purpureum* L. var. *purpureum*

\**Lavandula* [HC2]

\**Lavandula angustifolia* Mill. [HC2]

\**Lavandula xintermedia* Emeric ex Loisel. [HC2]

Fl. Gall. ed. 2 2: 19 1828.  
lavandin, lavender

All but one collection is from a cultivated or near a cultivated setting. More evidence is needed to demonstrate that this species is established in the flora.

\**Lavandula stoechas* L. [HC2]

This species is known in Washington only from urban sites that are not natural areas.

\**Leonurus* [HC, HC2]

motherwort

\**Leonurus cardiaca* L. [HC, HC2, Stace 1997]

Sp. Pl. 2: 584. 1753.  
motherwort, Lion's tail

*Leonurus cardiaca* L. ssp. *cardiaca* [Stace 1997]

*Lycopus* [HC, HC2]

bugleweed, water-horehound

*Lycopus americanus* Muhl. ex W.P.C. Bartr. [HC, HC2]

Fl. Philadelph. Prodr. 15. 1815.

cut-leaf water-horehound  
(see also *Lycopus europaeus*)

***Lycopus asper* Greene [HC, HC2]**

Pittonia 3(19C): 339. 1898.  
rough water-horehound

**\**Lycopus europaeus* L. [HC2]**

Sp. Pl. 1: 21. 1753.  
European water-horehound

Well established in the Puget Trough, where first collected in Seattle in 1935. Also known from northeast Washington (Stevens County), southwest and south-central British Columbia, the lower Columbia River of Oregon, and eastern North America. Previously confused with *Lycopus americanus*; *L. europaeus* has longer calyces (2.7-4 mm) with longer teeth (1.6-2.5 mm), and more conspicuously pubescent lower leaf surfaces especially along the veins.

***Lycopus uniflorus* Michx. [HC, HC2]**

Fl. Bor.-Amer. 1: 14. 1803.  
northern bugleweed

*Lycopus uniflorus* Michx. var. *uniflorus*  
*Lycopus virginicus* L. var. *pauciflorus* Benth.

**\**Marrubium* [HC, HC2]**

horehound

**\**Marrubium vulgare* L. [HC, HC2]**

Sp. Pl. 2: 583. 1753.  
white horehound

**\**Melissa* [HC, HC2]**

balm

**\**Melissa officinalis* L. [HC, HC2]**

Sp. Pl. 2: 592. 1753.  
lemonbalm

***Mentha* [HC, HC2]**

mint

**\**Mentha aquatica* L. [HC2, IFBC]**

Sp. Pl. 2: 576. 1753.  
bergamot mint, water mint

***Mentha canadensis* L. [HC2]**

Sp. Pl. 2: 577. 1753.  
wild mint

*Mentha arvensis* L. [HC], misapplied  
*Mentha arvensis* L. var. *canadensis* (L.) Kuntze  
*Mentha arvensis* L. var. *glabrata* (Benth.) Fernald [HC]

**\**Mentha xgracilis* Sole [HC2]**

bushy mint

**\**Mentha xpiperita* L. [HC, HC2]**

Sp. Pl. 2: 576-577. 1753.  
peppermint

*Mentha aquatica* L. var. *crispa* (L.) Benth.  
*Mentha crispa* L.  
*Mentha xpiperata* L.

**\**Mentha pulegium* L. [HC, HC2]**

Species Plantarum 2: 577. 1753.

pennyroyal

\**Mentha xrotundifolia* (L.) Huds. [HC, HC2]  
false apple mint

\**Mentha spicata* L. [HC, HC2]  
Sp. Pl. 2: 576. 1753.  
spearmint

\**Mentha suaveolens* Ehrh. [HC2, IFBC]  
Beitr. Naturk. 7: 249-150. 1792.  
apple mint

*Mentha xrotundifolia* (L.) Huds. [HC, HC2], misapplied

\**Mentha xverticillata* L. [HC2]  
whorled mint

\**Mentha xvillosa* Huds. [HC2, IFBC]  
Fl. Angl. ed. 2: 250. 1778.  
foxtail mint

*Mentha alopecuroides* Hull [HC]

*Mentha xvillosa* Huds. var. *alopecuroides* (Hull) Briq.

This species is known in Washington from a single population in an urban setting (between tiles) that is not a natural area or habitat.

### **Monarda** [HC, HC2]

monarda

\**Monarda didyma* L. [Gray's Manual, HC, HC2]  
Sp. Pl. 1: 22. 1753.  
scarlet beebalm, Oswego tea

Sparingly escaped in WA - one record at WTU dating back to 1949. Does not appear to be an established part of the flora, so is currently considered to be excluded.

*Monarda fistulosa* L. [HC, HC2]  
wild bergamot

No contemporary specimens indicate that this is established in the flora. Historic specimens are either unclear about cultivation, misidentified (e.g., Paradise Park, Mount Rainier), or likely waifs (railroad tracks).

**var. *fistulosa*** [HC2]

**var. *menthifolia*** (Graham) Fernald [HC, HC2]

### **Monardella** [HC, HC2]

monardella

*Monardella odoratissima* Benth. [HC, HC2]  
Labiata. Gen. Spec. [4]: 332. 1834.  
mountain monardella

**ssp. *discolor*** (Greene) Epling [HC2, KZ99]  
Ann. Missouri Bot. Gard. 12: 60. 1925.  
mountain monardella

*Madronella nervosa* (Greene) Greene

*Monardella discolor* Greene

*Monardella nervosa* Greene

*Monardella odoratissima* Benth. var. *discolor* (Greene) H. St. John [HC]

**ssp. *odoratissima*** [HC2, KZ99]  
mountain monardella

*Monardella odoratissima* Benth. var. *odoratissima* [HC]

\**Nepeta* [HC, HC2]

\**Nepeta cataria* L. [HC, HC2]

Sp. Pl. 2: 570. 1753.

catnip

\**Origanum* [HC, HC2]

wild marjoram

\**Origanum vulgare* L. [HC, HC2]

Sp. Pl. 2: 590. 1753.

wild marjoram

\**Perilla* [HC2]

\**Perilla frutescens* (L.) Britton [HC2]

\*var. *frutescens* [HC2]

\**Perovskia* [HC2]

***Physostegia*** [HC, HC2]

physostegia

***Physostegia parviflora*** Nutt. ex A. Gray [HC, HC2]

Syn. Fl. N. Amer. 2(1): 383. 1878.

purple dragonhead, western false dragonhead

***Prunella*** [HC, HC2]

all-heal, self-heal

***Prunella vulgaris*** L. [HC, HC2]

Sp. Pl. 2: 600. 1753.

self-heal

var. ***lanceolata*** (W.P.C. Barton) Fernald [HC, HC2]

Rhodora 15(178): 183. 1913.

heal-all, self-heal

*Prunella vulgaris* L. ssp. *lanceolata* (W.P.C. Barton) Hultén [KZ99], invalid name

\*var. ***vulgaris*** [HC, HC2]

Sp. Pl. 2: 600. 1753.

heal-all, self-heal

*Prunella vulgaris* L. ssp. *vulgaris* [KZ99]

***Salvia*** [HC, HC2]

sage

\****Salvia aethiopsis*** L. [HC, HC2]

Sp. Pl. 1: 27. 1753.

African sage

Noxious.

***Salvia dorrii*** (Kellogg) Abrams [HC, HC2]

Ill. Fl. Pacific States 3: 639. 1951.

gray ball sage, purple sage

var. ***dorrii*** [HC2]

*Salvia dorrii* (Kellogg) Abrams ssp. *dorrii*

var. ***incana*** (Benth.) Strachan [HC2, JPM]

Brittonia 35(2): 170. 1983.

fleshy sage, gray-ball sage

*Salvia carnos*a Douglas ex Greene  
*Salvia dorrii* (Kellogg) Abrams ssp. *carnos*a (Douglas ex Greene) Abrams  
*Salvia dorrii* (Kellogg) Abrams var. *carnos*a (Douglas ex Greene) Cronquist [HC]

\**Salvia nemorosa* L. [HC2]

Balkan clary

Known from one recent (2013) collection in King County, where a lawn weed, and likely also from Stevens County (Noxious Weed Control Board reports). No specimens to indicate that this species is established in the flora.

\**Salvia officinalis* L. [HC, HC2]

Sp. Pl. 1: 23. 1753.  
kitchen sage

Considered excluded until specimens are located confirming its presence in WA.

\**Salvia pratensis* L. [HC, HC2]

Sp. Pl. 1: 25. 1753.  
meadow clary, prairie-meadow sage

Noxious weed. Over-reported from our area; most collections are misidentifications of other species, especially *Salvia nemorosa*. Other collections are from parks or gardens. No evidence to date indicating that this is established in the flora.

\**Salvia reflexa* Hornem. [HC2]

lanceleaf sage

\**Salvia sclarea* L. [HC, HC2]

Sp. Pl. 1: 27. 1753.  
cleareye

Considered noxious in WA,

\**Salvia verticillata* L. [HC2]

lilac sage

\**Salvia virgata* Jacq. [HC2]

wand sage

Known from an old Suksdorf collection (1920) from the edge of an alfalfa field in Klickitat County. No evidence indicates that this species is established in the flora.

\**Salvia yangii* B.T. Drew [WTU]

Taxon 66(1): 141. 2017.  
Russian sage

*Perovskia atriplicifolia* Benth.

**Scutellaria** [HC, HC2]

skullcap

***Scutellaria angustifolia*** Pursh [HC, HC2]

Fl. Amer. Sept. (Pursh) 2: 412. 1813.  
narrow-leaved skullcap

**ssp. *angustifolia*** [HC2, IFBC]

Fl. Amer. Sept. 2: 412 [1813]. 1814.  
narrow-leaved skullcap

*Scutellaria veronicifolia* Rydb.

**ssp. *micrantha*** Olmstead [HC2, IFBC]

Contr. Univ. Michigan Herb. 17: 240. 1990.  
small-flowering narrow-leaved skullcap

***Scutellaria antirrhinoides*** Benth. [HC, HC2]

snapdragon skullcap

WS had five specimens under this name that were incorrectly identified (four specimens were *S. angustifolia* ssp. *angustifolia* and one was *S. galericulata*). Specimens annotated by R. Olmstead and D. Giblin 12/2007. Probably not in Wa.; KZ refers to VP4 for Wa. record but it is in error; HC does not report for Wa.

***Scutellaria galericulata* L. [HC, HC2]**

Sp. Pl. 2: 599. 1753.  
hooded skullcap, marsh skullcap

***Scutellaria lateriflora* L. [HC, HC2]**

Sp. Pl. 2: 598-599. 1753.  
madweed, mad-dog skullcap

*Scutellaria lateriflora* L. var. *lateriflora*

***Scutellaria nana* A. Gray [HC, HC2]**

dwarf skullcap

***Stachys* [HC, HC2]**

betony, hedge-nettle, woundwort

**\**Stachys arvensis* (L.) L. [HC2, IFBC]**

Sp. Pl. (ed. 2) 2: 814. 1763.  
field hedge-nettle, staggerweed

**\**Stachys bullata* Benth.**

**\**Stachys byzantina* K. Koch [HC2]**

***Stachys cooleyae* A. Heller [HC, HC2]**

Bull. Torrey Bot. Club 26(1): 590-591. 1899.  
Cooley's hedge-nettle

*Stachys chamissonis* Benth. var. *cooleyae* (A. Heller) G.A. Mulligan & D.B. Munro [KZ99]

***Stachys mexicana* Benth. [HC, HC2]**

Labiata. Gen. Spec. 541. 1834.  
Mexican hedge-nettle

***Stachys pilosa* Nutt. [HC2]**

J. Acad. Nat. Sci. Philadelphia vii. 1834.  
marsh betony, swamp hedge-nettle

**var. *pilosa* [HC2]**

marsh betony, swamp hedge-nettle

*Stachys palustris* L. [HC], misapplied

*Stachys palustris* L. var. *homotricha* Fernald

*Stachys palustris* L. var. *pilosa* (Nutt.) Fernald [HC]

***Stachys rigida* Nutt. ex Benth. [HC, HC2]**

Prodr. [A. P. de Candolle] 12: 472. 1848.  
rigid hedge-nettle

*Stachys rigida* Nutt. ex Benth. var. *rigida*

***Teucrium* [HC, HC2]**

germander, wood sage

***Teucrium canadense* L. [HC, HC2]**

Sp. Pl. [Linnaeus] 2: 564. 1753.  
western germander

**var. *occidentale* (A. Gray) E.M. McClint. & Epling [HC, HC2]**

Brittonia 5(5): 499. 1946.

Canada germander

*Teucrium boreale* E.P. Bicknell

*Teucrium canadense* L. ssp. *occidentale* (A. Gray) W.A. Weber  
*Teucrium canadense* L. ssp. *viscidum* (Piper) Roy L. Taylor & MacBryde  
*Teucrium canadense* L. var. *boreale* (E.P. Bicknell) Shinnery  
*Teucrium occidentale* A. Gray

\**Teucrium scorodonia* L. [HC2]

\**Thymus* [HC, HC2]

thyme

\**Thymus pulegioides* L. [HC2, KZ99]

Sp. Pl. 2: 592. 1753.

lemon thyme

*Thymus serpyllum* L. ssp. *chamaedrys* (Fr.) ?elak.

*Thymus serpyllum* L. var. *albus* hort.

No records indicating that it is established in the flora. Known in Washington from a single collection as a waif in an urban setting. Will be considered excluded until records suggest otherwise.

\**Thymus serpyllum* L. [HC, HC2]

\**Thymus vulgaris* L. [HC2]

garden thyme

*Trichostema* [HC, HC2]

blue-curls, trichostema

*Trichostema lanceolatum* Benth. [HC, HC2]

Labiata. Gen. Spec. 659. 1835.

vinegar weed

*Trichostema oblongum* Benth. [HC, HC2]

Labiata. Gen. Spec. 659. 1835.

mountain bluecurls

\**Ziziphora* [HC2]

*Acinos*

\**Ziziphora acinos* (L.) Melnikov [HC2]

Bot. Zhurn. (Moscow & Leningrad) 101(1): 89. 2016.

basil-thyme

*Acinos arvensis* (Lam.) Dandy [IFBC]

*Satureja acinos* (L.) Scheele [HC]