

Flora of the Pacific Northwest Checklist

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

Family: Solanaceae

38 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synonymy at the rank of genus and below follows the [2nd Edition of the Flora of the Pacific Northwest](#) except where superseded by new information.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 1:19am PT.

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

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Dicots:

Solanaceae [HC, HC2] Potato Family

**Alkekengi* [HC2]

- **Alkekengi officinarum* Moench [HC2]
Chinese lantern

**Atropa* [HC, HC2]

- **Atropa belladonna* L. [HC, HC2]
belladonna, deadly nightshade
Atropa bella-donna L., orthographic variant
No specimens indicating that this species is established in the flora.

Calibrachoa [HC2]

- Calibrachoa parviflora* (Juss.) D'Arcy [HC2]

**Datura* [HC, HC2]

jimson-weed

- **Datura innoxia* Mill. [HC2]
angel's-trumpet

This species is known only from urban settings where not established in the flora.

- **Datura quercifolia* Kunth [HC2]

- **Datura stramonium* L. [HC, HC2]
Sp. Pl. 1: 179. 1753.
jimson-weed

Datura stramonium L. var. *stramonium* [HC]
Datura stramonium L. var. *tatula* (L.) Torr. [HC]

- **Datura wrightii* Regel [HC2, JPM]
Gartenflora pl. 260. 1859.
jimson-weed, sacred thorn apple

**Hyoscyamus* [HC, HC2]

henbane

- **Hyoscyamus niger* L. [HC, HC2]
Sp. Pl. 1: 179-180. 1753.
hog's bean, black henbane

Noxious weed.

Leucophysalis [HC2]

groundcherry, leucophysalis

- Leucophysalis nana* (A. Gray) Averett [HC2]
dwarf leucophysalis

Chamaesaracha nana (A. Gray) A. Gray [HC]

**Lycium* [HC, HC2]

boxthorn, lycium, wolfberry

- **Lycium barbarum* L. [HC2, IFBC]

Sp. Pl. 1: 192. 1753.
matrimony-vine

Lycium halimifolium Mill. [HC]

**Lycium chinense* Mill. [HC2]

Gard. Dict., ed. 8. n. 5. 1768.
Chinese wolfberry

Our plants were formerly misidentified as *Lycium barbarum*. *Lycium chinense* is scattered on both sides of the Cascades in Washington.

**Nicandra* [HC2]

**Nicandra physalodes* (L.) Gaertn. [HC2]

apple of Peru

No specimens indicating that this species is established in the flora.

Nicotiana [HC, HC2]

tobacco

**Nicotiana acuminata* (Graham) Hook. [Draft FNA, HC, HC2]

Bot. Mag. 56: t. 2919. 1829.
manyflower

*var. *multiflora* Reiche [HC2]

wild tobacco

**Nicotiana alata* Link & Otto [HC2]

No specimens indicating that this species is established in the flora.

Nicotiana attenuata Torr. ex S. Watson [HC, HC2]

Nomencl. Bot. 1: 554. 1821.
coyote tobacco

Rare

**Nicotiana glauca* Graham [HC2]

**Nicotiana langsdorffii* Weinm. [HC2]

**Nicotiana longiflora* Cav. [HC2]

**Nicotiana obtusifolia* M. Martens & Galeotti [HC2]

**Nicotiana rustica* L. [HC2]

**Nicotiana sylvestris* Speg. & Comes [HC2]

No specimens to support that this species is established in the flora.

**Physalis* [HC, HC2]

ground-cherry

**Physalis grisea* (Waterf.) M. Martínez [HC2, KZ99]

Taxon 42(1): 104. 1993.
low hairy ground cherry, strawberry-tomato

Physalis pruinosa L., misapplied

Physalis pubescens L. var. *grisea* Waterf. [HC]

**Physalis heterophylla* Nees [HC2]

ground cherry

Physalis heterophylla Nees var. *heterophylla*

**Physalis longifolia* Nutt. [HC, HC2, JPM2]

Trans. Amer. Philos. Soc. ser. 2, 5: 193. 1836.
ground-cherry, long-leaved ground-cherry, wild tomatillo

**var. longifolia* [HC, HC2]

ground-cherry, long-leaved, wild tomatillo

**var. subglabrata* (Mack. & Bush) Cronquist [HC, HC2]

Vasc. Pl. Pacif. N. W. [C.L. Hitchcock & al.] 4: 286. 1959.

longleaf ground-cherry

The single specimen collected in WA under this name was misidentified - it is *P. philadelphica*.

**Physalis philadelphica* Lam. [HC2]

Encycl. [J. Lamarck & al.] 2(1): 101. 1786.

tomatillo

All specimens are associated with cultivation.

Solanum [HC, HC2]

nightshade

Solanum americanum Mill. [HC2, KZ99]

Gard. Dict., ed. 8. [unpaged] *Solanum* no. 5. 1768.

American black nightshade

Solanum nigrum L. var. *americanum* (Mill.) O.E. Schulz

Solanum nigrum L. var. *virginicum* L. [HC]

**Solanum carolinense* L. [HC, HC2]

Sp. Pl. [Linnaeus] 1: 187. 1753.

horse-nettle

Solanum carolinense L. var. *carolinense*

**Solanum dulcamara* L. [HC, HC2]

Sp. Pl. 1: 185. 1753.

felonwort, bittersweet nightshade, climbing nightshade

Solanum dulcamara L. var. *dulcamara*

HC does not name a variety

**Solanum elaeagnifolium* Cav. [HC, HC2]

Icon. [Cavanilles] 3: 22 (t. 243). 1795.

white horse-nettle, silver-leaf nightshade

Noxious.

**Solanum lycopersicum* L. [HC2]

Sp. Pl. 1: 185. 1753.

tomato

Lycopersicon esculentum Mill.

Occasional waif generally near areas where cultivated.

**Solanum nigrum* L. [HC, HC2, JPM]

Sp. Pl. 1: 186. 1753.

European black nightshade

(see also *Solanum americanum*)

*ssp. *nigrum* [HC2]

European black nightshade

Solanum nigrum L. var. *nigrum* [HC]

**Solanum physalifolium* Rusby [HC2]

Mem. Torrey Bot. Club 6: 88. 1896.

hairy nightshade

Solanum sarrachoides Sendtn. [HC, JPM], misapplied

**var. nitidibaccatum* (Bitter) Edmonds [HC2, JPM2]

Bot. J. Linn. Soc. 92: 27. 1986.
ground-cherry nightshade

- **Solanum rostratum* Dunal [HC, HC2]
Hist. Nat. Solanum 234-235, pl. 24. 1813.
buffalo bur, horned nightshade
Androcera rostrata (Dunal) Rydb.
Solanum cornutum Lam., misapplied
Noxious.

- **Solanum sisymbriifolium* Lam. [HC, HC2]
viscid nightshade

- **Solanum triflorum* Nutt. [HC, HC2]
Gen. N. Amer. Pl. 1: 128. 1818.
cut-leaf nightshade

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**Solanum tuberosum* L. [HC2]
Sp. Pl. 1: 185. 1753.
irish potato

There is no evidence that this is permanently established in the flora.

- **Solanum umbelliferum* Eschsch. [HC2]