

Washington Flora Checklist

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

Family: Solanaceae

18 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synonymy at the rank of genus and below follows the [2nd Edition of the Flora of the Pacific Northwest](#) except where superceded by new information.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 Washington Flora Checklist database on May 17th, 2026 at 11:21am PT.

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)

Suggested citation:

Weinmann, F., P.F. Zika, D.E. Giblin, B. Legler. 2002+. Checklist of the Vascular Plants of Washington State. University of Washington Herbarium. <https://www.burkeherbarium.org/waflora/>. Accessed May 17, 2026.

Dicots:

Solanaceae [HC, HC2] Potato Family

**Atropa* [HC, HC2]

**Datura* [HC, HC2]

jimson-weed

**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.

**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]

Nicotiana [HC, HC2]

tobacco

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

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

manyflower

*var. *acuminata*

wild tobacco

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

Nomencl. Bot. 1: 554. 1821.

coyote tobacco

Rare

**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 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

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 triflorum* Nutt. [HC, HC2]

Gen. N. Amer. Pl. 1: 128. 1818.

cut-leaf nightshade

.