## **Checklist of Oregon Violaceae**

Thea Jaster, Stephen C. Meyers and Scott Sundberg, eds. Version 2.1 © 2023 Oregon Flora Project



## Viola

Checklist contributor: Henrietta Chambers, 8/28/2001

Flora contributor: R. Little

#### Viola adunca Sm.

FPN - 298, accepted, in Oregon (implied); FPN2 - 232, accepted, in Oregon (implied), ; IN - 2b:60, accepted, in Oregon (explicit); JPM -1090, accepted, in Oregon (implied).

## Viola adunca Sm. ssp. adunca

Common names: hooked-spur violet, western blue violet, early blue violet, western dog violet

Origin: native Voucher: OSU, most recently collected in 2010.

JPM2 - 1270, accepted, in Oregon (implied).

Synonyms:

#### Viola adunca Sm. var. adunca

FN - 6:119, accepted, in Oregon (explicit); FPN - 299, accepted, in Oregon (implied); GWM - 233, accepted, in Oregon (explicit); IL - 3:129, (subtaxon implied), accepted, in Oregon (explicit); PEK - 525, (subtaxon implied), accepted, in Oregon (explicit); VP - 3:442, accepted, in Oregon (implied).

#### Viola adunca Sm. var. bellidifolia (Greene) H.D. Harr.

FPN - 299, accepted, not in Oregon; GWM - 233, accepted, in Oregon (explicit); VP - 3:442, accepted, not in Oregon.

#### Viola adunca Sm. var. cascadensis (M.S. Baker) C.L. Hitchc.

FPN - 298, accepted, in Oregon (explicit); GWM - 233, accepted, in Oregon (explicit); Oregon Flora Project, 2006F - ; VP - 3:442, accepted, in Oregon (explicit).

#### Viola adunca Sm. ssp. oxyceras (S. Watson) Piper

IL - 3:129, accepted, in Oregon (explicit); PEK - 525, accepted, in Oregon (explicit).

## Viola adunca Sm. var. uncinulata (Greene) C.L. Hitchc.

FPN - 299, accepted, in Oregon (explicit); IL - 3:129, accepted, in Oregon (explicit); VP - 3:442, accepted, in Oregon (explicit).

#### Viola bellidifolia Greene

FPN - 299, synonym for Viola adunca var. bellidifolia, not in Oregon; IL - 3:129, accepted, in Oregon (explicit); PEK -525, accepted, in Oregon (explicit).

#### Viola cascadensis Baker

FPN - 298, synonym for Viola adunca var. cascadensis, in Oregon (explicit); IL - 3:861, accepted, in Oregon (explicit);

PEK - 525, accepted, in Oregon (explicit).

#### Viola arvensis Murray

Common names: pansy, wild pansy, field pansy

Origin: exotic, naturalized Voucher: OSU, most recently collected in 2011.

FN - 6:121, accepted, in Oregon (explicit); FPN - 296, accepted, given distribution: ...widely cult and often escaping, prob never persistent...; FPN2 - 230, accepted, in Oregon (implied), ; IL - 3:861, accepted, in Oregon (explicit); IN - 2b:68, accepted, in Oregon (implied); JPM - 1090, accepted, in Oregon (implied); JPM2 - 1270, accepted, in Oregon (implied); PEK - 528, accepted, in Oregon (explicit); VP - 3:442, accepted, in Oregon (implied).

#### Viola bakeri Greene

Common names: Baker's violet, yellow prairie violet

Origin: native Voucher: OSU, most recently collected in 2019.

FN - 6:121, accepted, in Oregon (explicit); FPN - 299, synonym for Viola nuttallii var. bakeri, in Oregon (implied); IL - 3:127, accepted, in Oregon (explicit); JPM - 1090, accepted, in Oregon (implied); JPM2 - 1271, accepted, in Oregon (implied); PEK - 527, accepted, in Oregon (explicit).

Synonyms:

Viola nuttallii Pursh

#### Viola nuttallii Pursh var. bakeri (Greene) C.L. Hitchc.

FPN - 299, accepted, in Oregon (explicit); FPN2 - 233, accepted, in Oregon (implied), ; VP - 3:448, accepted, in Oregon (implied).

## Viola beckwithii Torr. & A. Gray

Common names: Beckwith's violet, sagebrush violet, Great Basin violet

Origin: native Voucher: OSU, most recently collected in 2008.

FN - 6:122, accepted, in Oregon (explicit); FPN - 297, accepted, in Oregon (explicit); IL - 3:125, accepted, in Oregon (explicit); IN - 2b:66, accepted, in Oregon (explicit); JPM - 1090, accepted, in Oregon (explicit); JPM2 - 1271, accepted, in Oregon (explicit); PEK - 527, accepted, in Oregon (explicit); VP - 3:442, accepted, in Oregon (explicit).

Synonyms:

## Viola beckwithii Torr. & A. Gray ssp. glabrata M.S. Baker

FPN2 - 231, accepted, in Oregon (explicit), our subsp. glabrata.

#### Viola canadensis L.

FPN - 297, accepted, in Oregon (explicit); IL - 3:129, accepted, not in Oregon; IN - 2b:61, accepted, in Oregon (explicit).

## Viola canadensis L. var. rugulosa (Greene) C.L. Hitchc.

Common names: Canadian white violet, rugose violet, tall white violet

Origin: native Voucher: OSU, most recently collected in 2001.

FN - 6:126, accepted, in Oregon (explicit); FPN - 297, accepted, in Oregon (explicit); FPN2 - 231, accepted, in Oregon (explicit), ; VP - 3:443, accepted, in Oregon (explicit).

Synonyms:

## Viola rugulosa Greene

FPN - 297, synonym for Viola canadensis var. rugulosa, in Oregon (explicit); PEK - 528, accepted, in Oregon (explicit).

#### Viola cuneata S. Watson

Common names: wedgeleaf violet

Origin: native Voucher: OSU, most recently collected in 2006.

FN - 6:129, accepted, in Oregon (explicit); FPN2 - 230, accepted, given distribution: found south of our area, in genus desc.; IL - 3:127, accepted, in Oregon (explicit); JPM - 1090, accepted, in Oregon (explicit); JPM2 - 1271, accepted, in Oregon (explicit); PEK - 528, accepted, in Oregon (explicit).

### Viola douglasii Steud.

Common names: Douglas' violet, Douglas' golden violet

Origin: native Voucher: OSU, most recently collected in 1993.

FN - 6:129, accepted, in Oregon (explicit); FPN2 - 231, accepted, in Oregon (explicit), ; IL - 3:125, accepted, in Oregon (explicit); JPM - 1091, accepted, not in Oregon; JPM2 - 1271, accepted, in Oregon (explicit); PEK - 527, accepted, in Oregon (explicit).

## *Viola douglasii* Steud. × *Viola praemorsa* Douglas ex Lindl.

Origin: native Voucher: OSU, most recently collected in 1933.

#### Viola douglasii Steud. × Viola purpurea Kellogg

Origin: native Voucher: OSU, most recently collected in 1934.

## Viola glabella Nutt.

Common names: stream violet, yellow wood violet, pioneer violet

Origin: native

Voucher: OSU, most recently collected in 2020.

FN - 6:131, accepted, in Oregon (explicit); FPN - 299, accepted, in Oregon (implied); FPN2 - 233, accepted, in Oregon (implied), ; GWM - 234, accepted, in Oregon (explicit); IL - 3:126, accepted, in Oregon (implied); JPM - 1091, accepted, not in Oregon; JPM2 - 1271, accepted,

in Oregon (implied); Love, 2006 -; PEK - 525, accepted, in Oregon (explicit); VP - 3:443, accepted, in Oregon (explicit).

## Viola hallii A. Gray

Common names: Hall's violet, wild pansy, Oregon violet

Origin: native Voucher: OSU, most recently collected in 2014.

FN - 6:133, accepted, in Oregon (explicit); FPN - 297, accepted, in Oregon (explicit); FPN2 - 231, accepted, in Oregon (explicit); JPM - 3:125, accepted, in Oregon (explicit); JPM - 1091, accepted, in Oregon (explicit); JPM2 - 1271, accepted, in Oregon (explicit); Oregon Flora

Project, 2005B -; PEK - 528, accepted, in Oregon (explicit); VP - 3:443, accepted, in Oregon (explicit).

## Viola howellii A. Gray

Common names: Howell's violet

Origin: native Voucher: OSU, most recently collected in 2014.

FN - 6:134, accepted, in Oregon (explicit); FPN - 297, accepted, in Oregon (explicit); FPN2 - 232, accepted, in Oregon (implied), ; IL - 3:131, accepted, in Oregon (explicit); JPM2 - 1271, accepted, in Oregon (explicit); PEK - 524, accepted, in Oregon (explicit); VP - 3:443, accepted, in Oregon (explicit).

#### Viola lanceolata L.

Common names: lance-leaved violet, strap-leaved violet, bog white violet

Origin: exotic, naturalized Voucher: OSU, most recently collected in 1999.

FN - 6:135, accepted, in Oregon (explicit); FPN - 297, accepted, not in Oregon, native to c and e US, intro in Pierce and Pacific cos, Wn.; FPN2 - 231, accepted, in Oregon (explicit), ; IL - 3:132, accepted, in Oregon (implied), native in eastern US; introduced and established in cranberry bogs in western US; PEK - 524, accepted, in Oregon (explicit), introduced from the Atlantic coast and established in cranberry bogs in Clatsop Co.; VP - 3:443, accepted, not in Oregon.

## Viola langsdorffii Fisch. ex Ging.

Common names: Aleutian violet, Langsdorff's violet, Alaska violet

Origin: native Voucher: OSU, most recently collected in 1977.

FN - 6:136, accepted, in Oregon (explicit); FPN2 - 233, accepted, in Oregon (implied), ; JPM2 - 1271, accepted, in Oregon (implied).

Synonyms:

#### Viola langsdorfii (Regel) Fisch. ex Ging.

orthographic variant

FPN - 298, accepted, in Oregon (explicit); IL - 3:131, accepted, in Oregon (explicit); PEK - 524, accepted, in Oregon (explicit); VP - 3:445, accepted, in Oregon (explicit).

#### Viola superba M.S. Baker

IL - 3:131, accepted, in Oregon (explicit).

## Viola lobata Benth. ssp. integrifolia (S. Watson) R.J. Little

Common names: pine violet, delta-leaved pine violet, northern pine violet

Origin: native Voucher: OSU, most recently collected in 1990.

JPM - 1091, accepted, not in Oregon; JPM2 - 1271, accepted, in Oregon (explicit).

Synonyms

#### Viola lobata Benth. var. integrifolia S. Watson

FN - 6:137, accepted, in Oregon (explicit); IL - 3:125, accepted, in Oregon (explicit); PEK - 525, accepted, in Oregon (explicit).

## Viola lobata Benth. ssp. lobata

Common names: pine violet, yellow wood violet, moosehorn violet

Origin: native Voucher: OSU, most recently collected in 1973.

JPM - 1091, accepted, not in Oregon; JPM2 - 1271, accepted, in Oregon (explicit).

Synonyms:

#### Viola lobata Benth. var. lobata

FN - 6:137, accepted, in Oregon (explicit); IL - 3:125, (subtaxon implied), accepted, in Oregon (explicit); PEK - 525, (subtaxon implied), accepted, in Oregon (explicit).

## Viola macloskeyi F.E. Lloyd

Common names: small white violet, Macloskey's violet, smooth white violet, northern white violet

Origin: native Voucher: OSU, most recently collected in 2018.

FN - 6:137, accepted, in Oregon (explicit); FPN - 298, accepted, in Oregon (implied); FPN2 - 231, accepted, in Oregon (implied), ; GWM - 234, accepted, in Oregon (explicit); IL - 3:131, accepted, in Oregon (explicit); JPM - 1091, accepted, in Oregon (implied); JPM2 - 1272, accepted, not in Oregon; PEK - 524, accepted, in Oregon (explicit).

Synonyms:

## Viola macloskeyi F.E. Lloyd var. macloskeyi

FPN - 298, accepted, in Oregon (implied); IN - 2b:58, accepted, in Oregon (explicit); VP - 3:445, accepted, in Oregon (implied).

#### Viola nephrophylla Greene

Common names: northern bog violet, kidney-leaved violet, LeConte violet

Origin: native Voucher: OSU, most recently collected in 2014.

FN - 6:139, accepted, in Oregon (explicit); FPN - 298, accepted, in Oregon (implied); FPN2 - 232, accepted, in Oregon (implied), ; GWM - 234, accepted, in Oregon (explicit); IL - 3:131, accepted, in Oregon (explicit); IN - 2b:57, accepted, in Oregon (explicit); JPM2 - 1272, accepted, in Oregon (implied); PEK - 524, accepted, in Oregon (explicit); VP - 3:445, accepted, in Oregon (implied).

Synonyms

Viola nephrophylla Greene var. cognata (Greene) C.L. Hitchc.

## Viola nephrophylla Greene var. nephrophylla

FPN - 298, accepted, in Oregon (implied); KZ - 1:607, accepted; VP - 3:447, accepted.

Misapplied names:

Viola sororia Willd.

FPN2 - 232, accepted, not in Oregon, .

Viola sororia Willd. ssp. affinis (LeConte) R.J. Little

JPM - 1092, accepted, not in Oregon.

## Viola ocellata Torr. & A. Gray

Common names: pinto violet, western heart's ease, two-eyed violet

Origin: native Voucher: OSU, most recently collected in 1986.

FN - 6:140, accepted, in Oregon (explicit); FPN - 297, accepted, in Oregon (explicit); FPN2 - 230, accepted, given distribution: found s of our area, in genus desc.; IL - 3:129, accepted, in Oregon (explicit); JPM - 1091, accepted, in Oregon (explicit); JPM2 - 1272, accepted, in Oregon (explicit); PEK - 528, accepted, in Oregon (explicit); VP - 3:448, accepted, in Oregon (explicit).

#### Viola odorata L.

Common names: sweet violet, garden violet, English violet

Origin: exotic, naturalized Voucher: OSU, most recently collected in 2017.

FN - 6:140, accepted, in Oregon (explicit); FPN2 - 232, accepted, in Oregon (implied), ; IN - 2b:58, accepted, not in Oregon; JPM2 - 1272, accepted, in Oregon (implied).

## Viola orbiculata (A. Gray) Geyer ex B.D. Jacks.

Common names: darkwoods violet, round-leaved violet

Origin: native Voucher: OSU, most recently collected in 2018.

FN - 6:141, accepted, in Oregon (explicit); FPN - 299, accepted, in Oregon (explicit); FPN2 - 233, accepted, in Oregon (explicit), ; GWM - 234, accepted, in Oregon (explicit); IL - 3:126, accepted, in Oregon (explicit); PEK - 527, accepted, in Oregon (explicit); VP - 3:448, accepted, in Oregon (explicit).

#### Viola palustris L.

Common names: marsh violet, alpine marsh violet, northern marsh violet

Origin: native Voucher: OSU, most recently collected in 2012.

FN - 6:142, accepted, in Oregon (explicit); FPN - 297, accepted, in Oregon (implied); FPN2 - 232, accepted, in Oregon (implied), ; GWM - 234, accepted, in Oregon (explicit); IL - 3:131, accepted, in Oregon (implied); IN - 2b:58, accepted, in Oregon (explicit); JPM - 1091, accepted, in Oregon (implied); JPM2 - 1272, accepted, in Oregon (implied); PEK - 524, accepted, in Oregon (explicit); VP - 3:450, accepted, in Oregon (implied).

## Viola praemorsa Douglas ex Lindl.

FPN - 300, synonym for Viola nuttallii var. praemorsa, in Oregon (implied); IN - 2b:62, accepted, in Oregon (explicit); JPM - 1091, accepted, in Oregon (implied).

#### Synonyms:

Viola nuttallii Pursh

#### Viola nuttallii Pursh var. praemorsa (Douglas ex Lindl.) S. Watson

FPN - 300, accepted, in Oregon (implied); FPN2 - 233, accepted, in Oregon (implied), ; GWM - 234, accepted, in Oregon (explicit); VP - 3:448, accepted, in Oregon (implied).

# *Viola praemorsa* Douglas ex Lindl. ssp. *linguifolia* (Nutt. ex Torr. & A. Gray) M.S. Baker & J.C. Clausen ex M. Peck

Common names: upland yellow violet, broad-leaved yellow prairie violet, wavy-leaved violet

Origin: native Voucher: OSU, most recently collected in 2009.

IL - 3:861, accepted, in Oregon (explicit); JPM - 1091, accepted, not in Oregon; JPM2 - 1272, accepted, in Oregon (implied); PEK - 526, accepted, in Oregon (explicit).

#### Synonyms:

#### Viola praemorsa Douglas ex Lindl. var. linguifolia (Nutt. ex Torr. & A. Gray) M. Peck

FN - 6:147, accepted, in Oregon (explicit).

## Viola praemorsa Douglas ex Lindl. ssp. major (Hook.) M.S. Baker ex M. Peck

IL - 3:861, accepted, in Oregon (implied); PEK - 526, accepted, in Oregon (explicit).

#### Viola praemorsa Douglas ex Lindl. ssp. oregona M.S. Baker & J.C. Clausen

IL - 3:861, accepted, in Oregon (explicit); PEK - 526, accepted, in Oregon (explicit).

## Viola praemorsa Douglas ex Lindl. ssp. praemorsa

Common names: upland yellow violet, canary violet, yellow montane violet

Origin: native Voucher: OSU, most recently collected in 2003.

IL - 3:861, (subtaxon implied), accepted, in Oregon (implied); JPM - 1092, accepted, not in Oregon; JPM2 - 1272, accepted, in Oregon (implied); PEK - 526, (subtaxon implied), accepted, in Oregon (explicit).

## Synonyms:

#### Viola praemorsa Douglas ex Lindl. var. praemorsa

FN - 6: accepted, in Oregon (explicit).

## Viola primulifolia L. ssp. occidentalis (A. Gray) L.E. McKinney & R.J. Little

Common names: western bog violet, western white bog violet, primrose-leaved violet

Origin: native Voucher: OSU, most recently collected in 2018.

JPM - 1092, accepted, in Oregon (explicit); JPM2 - 1274, accepted, in Oregon (explicit).

Synonyms:

#### Viola lanceolata L. ssp. occidentalis (A. Gray) N.H. Russell

KZ - 2:802, accepted.

#### Viola occidentalis (A. Gray) Howell

IL - 3:132, accepted, in Oregon (explicit); PEK - 524, accepted, in Oregon (explicit).

#### Viola primulifolia L. var. occidentalis A. Gray

FN - 6:148, accepted, in Oregon (explicit).

## Viola purpurea Kellogg ssp. dimorpha M.S. Baker & J.C. Clausen

Common names: goosefoot violet, dimorphic mountain violet

Origin: native Voucher: WTU, most recently collected in 1974.

FPN2 - 230, accepted, given distribution: found s of our area, in genus desc.; IL - 3:861, accepted, in Oregon (explicit); JPM2 - 1274, accepted, in Oregon (explicit).

Synonyms:

## Viola purpurea Kellogg var. dimorpha (M.S. Baker & J.C. Clausen) J.T. Howell

FN - 6:151, accepted, in Oregon (explicit).

## Viola purpurea Kellogg ssp. integrifolia M.S. Baker & J.C. Clausen

Common names: goosefoot violet, mountain violet, entire-leaved goosefoot violet

Origin: native Voucher: OSU, most recently collected in 1995.

IL - 3:861, accepted, in Oregon (explicit); IN - 2b:64, accepted, in Oregon (explicit); JPM - 1092, accepted, in Oregon (explicit); JPM2 - 1274, accepted, in Oregon (explicit).

Synonyms:

## Viola purpurea Kellogg var. integrifolia (M.S. Baker & J.C. Clausen) J.T. Howell

FN - 6:152, accepted, in Oregon (explicit).

#### Viola purpurea Kellogg ssp. purpurea

Common names: goosefoot violet, pine violet, purplish violet, mountain violet

Origin: native Voucher: OSU, most recently collected in 2010.

FPN2 - 233, accepted, in Oregon (explicit), ; JPM - 1092, accepted, in Oregon (explicit); JPM2 - 1274, accepted, in Oregon (explicit); PEK - 526, (subtaxon implied), accepted, in Oregon (explicit).

Synonyms:

#### Viola purpurea Kellogg var. purpurea

FN - 6:151, accepted, in Oregon (explicit); FPN - 299, accepted, in Oregon (explicit); VP - 3:450, accepted, in Oregon (explicit).

## Viola purpurea Kellogg ssp. venosa (S. Watson) M.S. Baker & J.C. Clausen

Common names: goosefoot violet, desert violet, purple-marked yellow violet, goosefoot yellow violet

Origin: native Voucher: OSU, most recently collected in 2018.

FPN2 - 233, accepted, in Oregon (implied), ; IL - 3:862, accepted, in Oregon (explicit), [subtaxa in Viola purpurea are listed as sspp. in the appendix, but vars. in the main text]; IN - 2b:64, accepted, in Oregon (explicit); JPM - 1092, accepted, in Oregon (implied); JPM2 - 1274, accepted, in Oregon (implied).

Synonyms

## Viola purpurea Kellogg ssp. geophyta M.S. Baker & J.C. Clausen

IL - 3:861, accepted, in Oregon (explicit); KZ - 2:803, accepted; PEK - 526, accepted, in Oregon (explicit).

## Viola purpurea Kellogg var. venosa (S. Watson) Brainerd

FN - 6:153, accepted, in Oregon (explicit); FPN - 299, accepted, in Oregon (implied); GWM - 236, accepted, in Oregon (explicit); PEK - 526, accepted, in Oregon (explicit); VP - 3:450, accepted, in Oregon (implied).

## Viola quercetorum M.S. Baker & J.C. Clausen

Common names: oakwoods violet, goosefoot yellow violet, goosefoot violet

Origin: native Voucher: OSU, most recently collected in 1998.

FN - 6:153, accepted, in Oregon (explicit); IL - 3:862, accepted, not in Oregon; PEK - 527, accepted, in Oregon (explicit).

Synonyms:

#### Viola purpurea Kellogg ssp. quercetorum (M.S. Baker & J.C. Clausen) R.J. Little

JPM - 1092, accepted, in Oregon (explicit); JPM2 - 1274, accepted, in Oregon (explicit).

#### Viola riviniana Rchb.

Common names: dog violet, wood violet

Origin: exotic, not naturalized Voucher: WTU, most recently collected in 2010.

FN - 6:154, accepted, in Oregon (explicit); FPN2 - 232, accepted, in Oregon (explicit), .

#### Viola sempervirens Greene

Common names: evergreen violet, redwoods violet

Origin: native Voucher: OSU, most recently collected in 2017.

FN - 6:157, accepted, in Oregon (explicit); FPN - 299, accepted, in Oregon (implied); FPN2 - 233, accepted, in Oregon (implied), ; GWM - 236, accepted, in Oregon (explicit); IL - 3:126, accepted, in Oregon (implied); JPM - 1092, accepted, in Oregon (implied); JPM2 - 1275, accepted, in Oregon (implied); PEK - 527, accepted, in Oregon (explicit); VP - 3:451, accepted, in Oregon (implied).

#### Viola sheltonii Torr.

Common names: Shelton's violet, fan violet, cut-leaf violet

Origin: native Voucher: OSU, most recently collected in 2007.

FN - 6:158, accepted, in Oregon (explicit); FPN - 297, accepted, in Oregon (implied); FPN2 - 231, accepted, in Oregon (implied); ; IL - 3:125, accepted, in Oregon (explicit); JPM - 1092, accepted, in Oregon (implied); JPM2 - 1275, accepted, in Oregon (implied); PEK - 527, accepted, in Oregon (explicit); VP - 3:451, accepted, in Oregon (implied).

#### Viola tricolor L.

IN - 2b:68, accepted, not in Oregon; JPM - 1092, accepted, not in Oregon.

## Viola tricolor L. var. tricolor

Common names: Johnny jump-up, heart's ease, ladies' delight, wild pansy

Origin: exotic, naturalized

FN - 6:160, accepted, in Oregon (explicit).

Synonyms:

Viola tricolor L. ssp. tricolor

FPN2 - 230, accepted, in Oregon (implied).

#### Viola trinervata (Howell) Howell ex A. Gray

Common names: three-nerved violet, Rainier violet, desert pansy, sagebrush violet

Origin: native Voucher: OSU, most recently collected in 2014.

FN - 6:161, accepted, in Oregon (explicit); FPN - 296, accepted, in Oregon (explicit); FPN2 - 231, accepted, in Oregon (explicit); IL - 3:125, accepted, in Oregon (explicit); IN - 2b:67, accepted, in Oregon (explicit); PEK - 528, accepted, in Oregon (explicit); VP - 3:453, accepted, in Oregon (explicit).

#### Viola vallicola A. Nelson

FPN - 300, synonym for Viola nuttallii var. vallicola, in Oregon (explicit); IL - 3:862, accepted, in Oregon (explicit); IN - 2b:62, accepted, in Oregon (explicit); PEK - 525, accepted, in Oregon (explicit).

## Viola vallicola A. Nelson var. major (Hook.) Fabijan

Common names: valley yellow violet, valley violet, yellow sagebrush violet

Origin: native Voucher: OSU, most recently collected in 2015.

KZ - 2:804, accepted.

Synonyms:

Viola nuttallii Pursh

Viola nuttallii Pursh var. major Hook.

FPN - 300, accepted, in Oregon (implied); VP - 3:448, accepted, in Oregon (implied).

Viola nuttallii Pursh var. vallicola (A. Nelson) C.L. Hitchc.

FPN - 300, accepted, in Oregon (explicit); FPN2 - 233, accepted, in Oregon (explicit), ; GWM - 234, accepted, in Oregon (explicit); VP - 3:448, accepted, in Oregon (explicit).

#### **Excluded names:**

#### Viola purpurea Kellogg ssp. mesophyta M.S. Baker & J.C. Clausen

IL - 3:861, accepted, in Oregon (explicit); JPM2 - 1274, accepted, not in Oregon; PEK - 526, accepted, in Oregon (explicit).

## Literature cited for Violaceae

(Excluding the standard references unless specifically cited in the flora manuscript.)

Baird, V.B. 1936. A natural violet hybrid. Madroño 3:325-327.

Baird, V.B. 1942. Wild Violets of North America. University of California Press, Berkeley, CA.

Baker, M.S. 1935. Studies in Western violets. I. Madroño 3:51-57.

Baker, M.S. 1936. Studies in Western violets. II. Madroño 3:232-239.

Baker, M.S. 1949A. Studies in Western violets. V. Leaflets of Western Botany 5:173-177.

Baker, M.S. 1949B. Studies in Western violets. VI. Madroño 10:110-128.

Baker, M.S. 1953A. Studies in western violets. VII. Madroño 12:8-18.

Baker, M.S. 1953B. A correction in the status of Viola macloskeyi. Madroño 12:60.

Baker, M.S. 1957. Studies in western violets. VIII. The Nuttallianae continued. Brittonia 9:217-230.

Ballard, H.E. 1992. Systematics of Viola section Viola in North America North of Mexico. Central Michigan University, Mount Pleasant, MI.

Ballard, H.E. and K. Sytsma. 2000. Evolution and biogeography of the woody Hawaiian violets (Viola, Violaceae): Arctic origins, herbaceous ancestry and bird dispersal. Evolution 54:1521-1532.

Ballard, H.E., M. Feng, and J. Munzinger. 2002. Biogeographic patterns and trans-oceanic dispersal in the Violaceae. http://www.botany2002.org/sympos14/abstracts/4.shtml. .

Bernhardt, P. 2003. Wily violets and underground orchids. University of Chicago Press, Chicago, IL.

Brainerd, E. 1905. Notes on New England violets. II. Rhodora 7:1-9.

Brainerd, E. 1921. Violets of North America, Vermont Agricultural Experiment Station Bulletin 224 Free Press Printing Company, Burlington, VT.

Brooks, R.E. and R.L. McGregor. 1986. Violaceae. In: Flora of the Great Plains. University Press of Kansas, Lawrence, KS.

 $Chambers,\,H.L.\,\,2011.\,\,Violaceae.\,\,Cook,\,T.,\,and\,\,S.\,\,Sundberg,\,Eds.\,\,\,http://www.oregonflora.org/checklist.php...\,\,.$ 

Clapham, A., T. Tutin, and D. Moore. 1985. Flora of the British Isles. Cambridge University Press, London, United Kingdom.

Clausen, J. 1964A. Cytotaxonomy and distributional ecology of western North American violets. Madroño 17:173-197.

Cody, W.J. 2000. Flora of the Yukon Territory, second edition. NRC Research Press, Canada.

Coombs, R.E. 2003. Violets: The history & cultivation of scented violets. Batsford, London, United Kingdom.

Culley, T.M. 2000. Inbreeding depression and floral type fitness differences in Viola canadensis (Violaceae), a species with chasmogamous and cleistogamous flowers. Canadian Journal of Botany 78:1420-1429.

Culley, T.M. 2002. Reproductive biology and delayed selfing in Viola pubescens (Violaceae), an understory herb with chasmogamous and cleistogamous flowers. International Journal of Plant Science 163:113-122.

Culver, D.C. and A.J. Beattie. 1978. Myrmecochory in Viola: dynamics of seed-ant interactions in some West Virginia species. Journal of Ecology 66:53-72.

Culver, D.C. and A.J. Beattie. 1980. The fate of Viola seeds dispersed by ants. American Journal of Botany 67:710-714.

Douglas, G.W., D.V. Meidinger, and J. Pojar, Eds. 2000. Illustrated Flora of British Columbia, Volume 5: Dicotyledons (Salicaceae through Zygophyllaceae) and Pteridophytes. B.C. Ministry of Forests, Victoria, BC, Canada.

Fabijan, D.M., J.G. Packer, and K.E. Denford. 1987. The taxonomy of the Viola nuttallii complex. Canadian Journal of Botany 65:2562-2580.

Greene, E.L. 1898. New or noteworthy violets. Pittonia 3:313-320.

Hayden, W.J. and J. Clough. 1990. Methyl salicylate in roots of Viola arvensis and V. rafinesquii (Violaceae). Castanea 55:65-70.

Heywood, V.H. 1978. Flowering Plants of the World. Mayflower Books, New York, NY.

Karlsson, T., T. Marcussen, P. Wind, and B. Jonsell. 2008. Violaceae in Nordic Flora, version 6b 20080627. http://www.floranordica.org/publicreview/publicreview-e.html. .

Klaber, D. 1976. Violets of the United States. A.S. Barnes Co., Cranbury, NJ.

Lengyel S., A.D. Gove, A.M. Latimer, J.D. Majer, and R.R. Dunn. 2010. Convergent evolution of seed dispersal by ants, and phylogeny and biogeography in flowering plants: A global survey. Perspectives in Plant Ecology, Evolution and Systematics 12:43-55.

Little, R.J. 1993. Violaceae. In: The Jepson Manual: Higher plants of California. Hickman, J.C., Ed. Univeristy of California Press, Berkeley, CA.

Little, R.J. 2010. Viola howellii A. Gray (Violaceae). Noteworthy collection, California. Madroño 57:209-211.

Mayers, A. and E. Lord. 1983A. Comparative flower development in the cleistogamous species Viola odorata. I. A growth rate study. American Journal of Botany 70:1556-1563.

Mayers, A. and E. Lord. 1983B. Comparative flower development in the cleistogamous species Viola odorata. II. An organographic study. American Journal of Botany 70:1556-1563.

McPherson, G.D. and J.G. Packer. 1974. A contribution to the taxonomy of Viola adunca. Canadian Journal of Botany 52:895-902.

Moerman, D.E. 1998. Native American ethnobotany. Timber Press, Portland, OR.

Peck, M.E. 1941. A Manual of the Higher Plants of Oregon. Binford & Mort., Portland, OR.

Proctor, M., and P. Yeo. 1972. The Pollination of Flowers, Taplinger Publishing Company, New York, NY.

Proctor, M., P. Yeo, and A. Lack. 1996. The natural history of pollination. Timber Press, Portland, OR.

Radford, A.E., H. Ahles, and C.R. Bell. 1968. Manual of the Vascular Flora of the Carolinas. University of North Carolina Press, Chapel Hill, NC.

Russell, N.H. 1955. The taxonomy of the North American acaulescent white violets. American Midland Naturalist 54:481-494.

Shultze, J.H. 1946. The introduction of Viola lanceolata into the Pacific Northwest. Madroño 8:191-193.

Sorsa, M. 1968. Cytological and evolutionary studies on palustres violets. Madroño 19:165-179.

Turnbull, C.L. and D.C. Culver. 1983. The timing of seed dispersal in Viola nuttallii: attraction of dispersers and avoidance of predators. Oecologia 59:360-365.

Watson, L. and M.J. Dallwitz. 1992. The Families of Flowering Plants: Descriptions, illustrations, identification, and information retrieval. Version: 4. http://delta-intkey.com. .

Watson, S. 1876. Geological survey of California. Botany 1:57.

Willson, M.F. 1983. Plant Reproductive Biology. John Wiley & Sons, New York, NY.

## Abbreviations Used

FN = Flora of North America FPN = Flora of the Pacific Northwest FOO = Flora of Oregon

GWM = Guide to the plants of the Wallowa Mountains of northeastern

IN = Intermountain Flora IPNI = The International Plant Names Index VP = Vascular Plants of the Pacific Northwest

JPM = The Jepson manual KZ = A synonymized checklist...(Kartesz) IL = An Illustrated Flora of the Pacific States PEK = A manual of the higher plants of Oregon a± = authority abbreviation in the reference differs PLANTS = http://plants.usda.gov

a- = no authority given in the reference a+ = authority in the reference matches checklist

sa = authority at the specific level in the reference ssa = authority at the subspecific level in the reference