

Checklist of Oregon Plantaginaceae

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



Antirrhinum

Checklist contributor: Henrietta Chambers, 3/21/2005

Flora contributor: Kenton Chambers

Antirrhinum majus L.

Common names: common snapdragon

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 1983.

FPN - 415, accepted, no geog. info. given, occ escaped from cult; FPN2 - 454, accepted, in Oregon (implied), ; IL - 3:789, accepted, in Oregon (explicit), "occasional escape in Portland, OR"; JPM - 1015, accepted, given distribution: CA-FP; native to Medit; JPM2 - 1004, accepted, no geog. info. given; VP - 4:293, accepted.

Callitriche

Checklist contributor: Richard Halse, 1/1/1995

Flora contributor: Richard Lansdown

Callitriche brutia Petagna var. *hamulata* (Kütz. ex W.D.J. Koch) Lansdown

Common names: narrow leaf water-starwort

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2006.

FPN2 - 455, accepted, in Oregon (explicit), .

Callitriche fassettii Schotsman

Common names: autumnal water-starwort

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 286, accepted, in Oregon (explicit); FPN2 - 455, accepted, in Oregon (explicit), ; JPM2 - 1006, accepted, in Oregon (explicit); Lansdown, 2009 - ; VP - 3:402, accepted.

Synonyms:

Callitriche autumnalis L.

FPN - 286, synonym for *Callitriche hermaphroditica*, in Oregon (implied); IL - 3:43, accepted, in Oregon (implied).

Misapplied names:

Callitriche hermaphroditica L.

FPN - 286, accepted, in Oregon (implied); FPN2 - 455, accepted, in Oregon (explicit), ; IN - 4:333, accepted, in Oregon (implied); JPM - 458, accepted, in Oregon (implied); PEK - 505, accepted, in Oregon (explicit); VP - 3:403, accepted, in Oregon (implied).

Callitriche heterophylla Pursh

FPN - 286, accepted, in Oregon (implied); GWM - 227, accepted, in Oregon (explicit); IL - 3:43, uncertain, "[*C. bolanderi*] is very closely related to and possibly conspecific with *C. heterophylla* of the eastern States."; IN - 4:332, accepted, in Oregon (implied); JPM - 458, accepted, in Oregon (implied); VP - 3:403, accepted, in Oregon (implied).

Callitriche heterophylla Pursh var. *bolanderi* (Hegelm.) Fassett

Common names: Bolander's water-starwort

Origin: native

Voucher: OSU, most recently collected in 2015.

FPN - 286, accepted, given distribution: ...chiefly w US...; FPN2 - 454, accepted, in Oregon (implied), ; JPM - 458, accepted, in Oregon (implied); JPM2 - 1006, accepted, in Oregon (implied).

Synonyms:

Callitriche bolanderi Hegelm.

FPN - 286, synonym for *Callitriche heterophylla* var. *bolanderi*, given distribution: chiefly w US; Greenl; IL - 3:43, accepted, in Oregon (implied); PEK - 505, accepted, in Oregon (explicit).

Callitriche heterophylla* Pursh var. *heterophylla

Common names: different leaved water-starwort

Origin: native

Voucher: OSU, most recently collected in 2010.

FPN - 286, accepted, in Oregon (implied); FPN2 - 454, accepted, given distribution: range of sp., but rarely found in our area, widespread N Am and S Am; JPM - 458, accepted, given distribution: NW, GV, CW, SW; to e N.Am; JPM2 - 1006, accepted, not in Oregon.

Synonyms:

***Callitriche anceps* Fernald**

FPN - 286, accepted, not in Oregon, common in e N Am and known from Alas, Wn and Utah; VP - 3:402, accepted, not in Oregon.

***Callitriche marginata* Torr.**

Common names: winged water-starwort

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 286, accepted, in Oregon (explicit); FPN2 - 454, accepted, in Oregon (explicit), ; IL - 3:43, accepted, not in Oregon; JPM - 458, accepted, in Oregon (implied); JPM2 - 1007, accepted, in Oregon (implied); PEK - 505, accepted, in Oregon (explicit); VP - 3:403, accepted, in Oregon (explicit).

***Callitriche palustris* L.**

Common names: spring water-starwort, vernal water-starwort

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN2 - 454, accepted, in Oregon (implied), ; IL - 3:43, accepted, in Oregon (implied); IN - 4:333, accepted; JPM2 - 1007, accepted, in Oregon (implied); KZ - 1:185, accepted; PEK - 505, accepted, in Oregon (explicit).

Synonyms:

***Callitriche verna* L.**

FPN - 286, accepted, in Oregon (implied); GWM - 227, accepted, in Oregon (explicit); JPM - 458, accepted, given distribution: CA-FP, GB; to e N.Am, Eur; VP - 3:403, accepted, in Oregon (implied).

***Callitriche stagnalis* Scop.**

Common names: pond water-starwort

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2016.

FPN - 286, accepted, in Oregon (explicit); FPN2 - 455, accepted, in Oregon (implied), ; JPM - 458, accepted, given distribution: NCo, NCoR, n SNF; native to Eur; JPM2 - 1007, accepted, in Oregon (implied); VP - 3:403, accepted, in Oregon (explicit).

***Callitriche stenoptera* Lansdown**

Common names: narrow-wing water-starwort

Origin: native

Voucher: OSU, most recently collected in 1981.

***Callitriche trochlearis* Fassett**

Common names: wheel fruited water-starwort

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 286, accepted, in Oregon (explicit); FPN2 - 455, accepted, in Oregon (explicit), ; JPM - 458, accepted, in Oregon (explicit); JPM2 - 1007, accepted, in Oregon (explicit).

Literature cited for *Callitriche*

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

Lansdown, R. 2009. Nomenclatural notes on *Callitriche* (Callitrichaceae) in North America. *Novon* 19:364-369.

Philbrick, C.T. and R.K. Jansen. 1991. Phylogenetic studies of North American *Callitriche* (Callitrichaceae) using chloroplast DNA restriction fragment analysis. *Systematic Botany* 16:478-491.

Chaenorhinum

Checklist contributor: Henrietta Chambers, 8/27/2003

Flora contributor: Kenton Chambers

***Chaenorhinum minus* (L.) Lange**

Common names: dwarf snapdragon, small European toadflax

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2013.

Old, 1993 - .

Synonyms:

Chaenorhinum minus* (L.) Lange ssp. *minus

FPN2 - 455, accepted, in Oregon (explicit), our subsp. *Minus*.

Literature cited for *Chaenorhinum*

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

Old, R.R. 1993. Noteworthy collections: Idaho, Oregon and Washington. *Madroño* 40:136.

Collinsia

Checklist contributor: Henrietta Chambers, 5/27/2003

Flora contributor: Kenton Chambers

***Collinsia grandiflora* Douglas ex Lindl.**

Common names: large flowered blue eyed Mary

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 422, accepted, in Oregon (implied); FPN2 - 456, accepted, in Oregon (implied), ; IL - 3:778, accepted, in Oregon (implied); JPM - 1026, accepted, in Oregon (implied); JPM2 - 1009, accepted, in Oregon (implied); Oregon Flora Project, 1996H - ; PEK - 689, accepted, in Oregon (explicit); VP - 4:327, accepted, in Oregon (explicit).

***Collinsia greenei* A. Gray**

Common names: Greene's blue-eyed Mary

Origin: native

Voucher: OSU, most recently collected in 2015.

IL - 3:780, accepted, not in Oregon; JPM - 1026, accepted, not in Oregon; JPM2 - 1009, accepted, not in Oregon.

***Collinsia latifolia* (Newsom) B.G. Baldwin, Kalisz & Armbr.**

Common names: Torrey's collinsia

Origin: native

Voucher: OSU, most recently collected in 2017.

Baldwin et al., 2011 - .

Synonyms:

***Collinsia torreyi* A. Gray**

JPM - 1027, accepted, not in Oregon.

***Collinsia torreyi* A. Gray var. *latifolia* Newsom**

IL - 3:780, accepted, in Oregon (explicit); JPM - 1027, accepted, not in Oregon; JPM2 - 1009, accepted, in Oregon (explicit); PEK - 690, accepted, in Oregon (explicit).

***Collinsia linearis* A. Gray**

Common names: narrowleaf collinsia

Origin: native

Voucher: OSU, most recently collected in 2016.

IL - 3:780, synonym for *Collinsia rattanii* var. *linearis*, in Oregon (explicit); JPM - 1026, accepted, in Oregon (explicit); JPM2 - 1009, accepted, in Oregon (explicit).

Synonyms:

***Collinsia rattanii* A. Gray var. *linearis* (A. Gray) Newsom**

IL - 3:780, accepted, in Oregon (explicit); PEK - 690, accepted, in Oregon (explicit).

***Collinsia parviflora* Douglas ex Lindl.**

Common names: small flowered blue eyed Mary

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 422, accepted, in Oregon (implied); FPN2 - 456, accepted, in Oregon (implied), ; GWM - 308, accepted, in Oregon (explicit); IN - 4:461, accepted, in Oregon (explicit); JPM - 1027, accepted, in Oregon (implied); JPM2 - 1009, accepted, not in Oregon; Oregon Flora Project, 2005B - ; PEK - 690, accepted, in Oregon (explicit); VP - 4:327, accepted, in Oregon (implied).

***Collinsia rattanii* A. Gray**

Common names: Rattan's collinsia

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 422, accepted, in Oregon (explicit); FPN2 - 456, accepted, in Oregon (explicit), ; JPM - 1027, accepted, in Oregon (implied); JPM2 - 1009, accepted, in Oregon (implied); VP - 4:328, accepted, in Oregon (explicit).

Synonyms:

***Collinsia rattanii* A. Gray ssp. *glandulosa* (Howell) Pennell**

FPN - 422, accepted, in Oregon (explicit); Gray, 1879 - ; IL - 3:780, accepted, in Oregon (explicit); PEK - 690, accepted, in Oregon (explicit); VP - 4:422, accepted.

Collinsia rattanii* A. Gray ssp. *rattanii

IL - 3:780, (subtaxon implied), accepted, in Oregon (explicit); PEK - 690, (subtaxon implied), accepted, in Oregon (explicit); VP - 4:422, accepted.

***Collinsia sparsiflora* Fisch. & C.A. Mey.**

FPN - 422, accepted, in Oregon (explicit); JPM - 1027, accepted, not in Oregon; VP - 4:328, accepted, in Oregon (explicit).

Collinsia sparsiflora* Fisch. & C.A. Mey. var. *sparsiflora

Common names: spinster's blue-eyed Mary

Origin: native

Voucher: OSU, most recently collected in 1902.

FPN2 - 456, accepted, in Oregon (implied), ; IL - 3:779, (subtaxon implied), accepted, not in Oregon; JPM - 1027, accepted, not in Oregon; JPM2 - 1009, accepted, in Oregon (explicit); Kartesz & Meacham, 2007 - accepted, not in Oregon, endemic to CA; KZ - 2:195, accepted.

***Collinsia tinctoria* Hartw. ex Benth.**

Common names: sticky Chinese houses

Origin: native

JPM2 - accepted, not in Oregon, https://ucjeps.berkeley.edu/eflora/eflora_display.php?tid=20008.

Literature cited for *Collinsia*

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

Baldwin, B.G., S. Kalisz, and W.S. Armbruster. 2011. Phylogenetic perspectives on diversification, biogeography and floral evolution of *Collinsia* and *Tonella* (Plantaginaceae). *American Journal of Botany* 98(4):731-753.

Gray, A. 1879. Botanical contributions. *Proceedings of the American Academy of Arts and Sciences* 15:25-52.

Jones, M.E. 1908. New species and notes. *Contributions to Western Botany* 12:1-100.

Kartesz, J.T. and C.A. Meacham. 2007. Synthesis of the North American Flora, Prepublication Version 2.0. Missouri Botanical Garden Press, St. Louis, MO.

Cymbalaria

Checklist contributor: Henrietta Chambers, 1/1/2003

Flora contributor: Kenton Chambers

***Cymbalaria muralis* G. Gaertn., B. Mey. & Scherb.**

Common names: ivy leaved toadflax

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2019.

FPN - 423, accepted, in Oregon (implied); FPN2 - 456, accepted, in Oregon (implied), ; IL - 3:786, accepted, in Oregon (implied); JPM - 1032, accepted, given distribution: NCo, CCo, SCo; native to Medit; JPM2 - 1010, accepted, no geog. info. given.

Synonyms:

***Linaria cymbalaria* (L.) Mill.**

PEK - 688, accepted, in Oregon (explicit).

Digitalis

Checklist contributor: Henrietta Chambers, 8/27/2003

Flora contributor: Kenton Chambers

***Digitalis purpurea* L.**

Common names: foxglove

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2014.

FPN - 423, accepted, in Oregon (implied); FPN2 - 456, accepted, in Oregon (implied), ; IL - 3:792, accepted, in Oregon (implied); JPM - 1032, accepted, in Oregon (implied); JPM2 - 1010, accepted, in Oregon (implied); PEK - 713, accepted, in Oregon (explicit); VP - 4:329, accepted, in Oregon (explicit).

Gratiola

Checklist contributor: Henrietta Chambers, 8/22/2003

Flora contributor: Kenton Chambers

***Gratiola ebracteata* A. DC.**

Common names: bractless hedge hyssop

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 424, accepted, in Oregon (implied); FPN2 - 457, accepted, in Oregon (implied), ; IL - 3:731, accepted, in Oregon (implied); IN - 4:348, accepted, in Oregon (explicit); JPM - 1033, accepted, in Oregon (implied); JPM2 - 1012, accepted, in Oregon (implied); PEK - 713, accepted, in Oregon (explicit); VP - 4:332, accepted, in Oregon (implied).

***Gratiola heterosepala* H. Mason & Bacig.**

Common names: Boggs Lake hedge hyssop

Origin: native

Voucher: OSU, most recently collected in 1983.

IN - 4:348, accepted, in Oregon (explicit); JPM - 1033, accepted, not in Oregon; JPM2 - 1012, accepted, in Oregon (explicit).

***Gratiola neglecta* Torr.**

Common names: common American hedge hyssop

Origin: native

Voucher: OSU, most recently collected in 2016.

FPN - 424, accepted, in Oregon (implied); FPN2 - 457, accepted, in Oregon (implied), ; IL - 3:731, accepted, in Oregon (implied); IN - 4:348, accepted, in Oregon (explicit); JPM - 1033, accepted, not in Oregon; JPM2 - 1012, accepted, in Oregon (implied); PEK - 713, accepted, in Oregon (explicit); VP - 4:332, accepted, in Oregon (implied).

Hippuris

Checklist contributor: Richard Halse, 1/1/1995

Flora contributor: Kenton Chambers

***Hippuris vulgaris* L.**

Common names: mare's tail

Origin: native

Voucher: OSU, most recently collected in 2010.

FPN - 313, accepted, in Oregon (implied); FPN2 - 457, accepted, in Oregon (implied), ; IL - 3:213, accepted, in Oregon (implied); IN - 4:331, accepted, in Oregon (implied); JPM - 682, accepted, in Oregon (implied); JPM2 - 1012, accepted, not in Oregon; PEK - 550, accepted, in Oregon (explicit); VP - 3:505, accepted, in Oregon (implied).

Keckiella

Checklist contributor: Richard Halse, 4/15/2009

Flora contributor: Noel Holmgren

Keckiella lemmonii (A. Gray) Straw

Common names: bush penstemon

Origin: native

Voucher: OSU, most recently collected in 1992.

JPM - 1034, accepted, in Oregon (explicit); JPM2 - 1013, accepted, in Oregon (explicit).

Synonyms:

***Penstemon lemmonii* A. Gray**

IL - 3:769, accepted, not in Oregon; PEK - 704, accepted, in Oregon (explicit).

Kickxia

Checklist contributor: Scott Sundberg, 11/26/2002

Flora contributor: Kenton Chambers

Kickxia elatine (L.) Dumort.

Common names: sharp leaved fluellin

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2020.

FPN - 424, accepted, in Oregon (implied); FPN2 - 457, accepted, in Oregon (implied), ; IL - 3:786, accepted, not in Oregon; JPM - 1034, accepted, given distribution: CA-FP; native to Eur; JPM2 - 1014, accepted, no geog. info. given.

Kickxia spuria (L.) Dumort.

Common names: roundleaf fluellin

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2015.

FPN2 - 457, accepted, in Oregon (explicit), ; IL - 3:786, accepted, not in Oregon; JPM - 1034, accepted, given distribution: CA-FP; native to Eur; JPM2 - 1014, accepted, no geog. info. given.

Linaria

Checklist contributor: Henrietta Chambers, 8/20/2003

Flora contributor: Kenton Chambers

Linaria dalmatica (L.) Mill.

FPN - 425, accepted, in Oregon (implied); IN - 4:460, accepted, in Oregon (implied); VP - 4:333, accepted, in Oregon (explicit).

Linaria dalmatica (L.) Mill. ssp. *dalmatica*

Common names: Dalmatian toadflax

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2002.

FPN2 - 458, accepted, in Oregon (implied), sp. range: frequent on both sides Cas; JPM2 - 1014, accepted, given distribution: NW (exc NCoRH), CaR, n SN, GV, CW (exc SCoRI), SW (exc ChI, SnJt), GB (exc Wrn, W&I); widely naturalized; native to Medit..

Synonyms:

***Linaria genistifolia* (L.) Mill. ssp. *dalmatica* (L.) Maire & Petitm.**

JPM - 1036, accepted, given distribution: CA-FP; widely naturalized elsewhere; native to Medit.

***Linaria macedonica* Griseb.**

PEK - 687, accepted, in Oregon (explicit).

Linaria grandiflora Desf.

Common names: large-flowered toadflax

Origin: exotic, not naturalized

FPN2 - 458, accepted, in Oregon (explicit).

***Linaria maroccana* Hook. f.**

Common names: Moroccan toadflax, annual toadflax

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2002.

FPN2 - 457, accepted, in Oregon (implied), ; JPM - 1036, accepted, not in Oregon; JPM2 - 1014, accepted, no geog. info. given.

***Linaria purpurea* Mill.**

Common names: purple toadflax

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2018.

FPN2 - 457, accepted, in Oregon (implied), ; JPM - 1036, accepted, not in Oregon; JPM2 - 1014, accepted, no geog. info. given.

***Linaria triornithophora* (L.) Willd.**

Common names: yellow-throated purple toadflax

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2009.

FPN2 - 457, accepted, in Oregon (explicit), in genus desc. .

***Linaria vulgaris* Mill.**

Common names: butter and eggs

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FPN - 425, accepted, in Oregon (implied); FPN2 - 457, accepted, in Oregon (implied), ; GWM - 309, accepted, in Oregon (explicit); IL - 3:784, accepted, in Oregon (implied); IN - 4:460, accepted, in Oregon (implied); JPM - 1037, accepted, given distribution: CA-FP; widely naturalized elsewhere; native to Medit; JPM2 - 1014, accepted, given distribution: NCo, KR, NCoRO, CaRH, n SN, ScV, CW (exc SCoRI), SCo, MP; widely naturalized; native to Medit.; PEK - 687, accepted, in Oregon (explicit); VP - 4:335, accepted, in Oregon (implied).

Literature cited for *Linaria*

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

Kartesz, J.T. and C.A. Meacham. 2007. Synthesis of the North American Flora, Prepublication Version 2.0. Missouri Botanical Garden Press, St. Louis, MO.

Pennell, F.W. 1935. *Linaria* in the Scrophulariaceae of eastern temperate North America. Academy of Natural Sciences Philosophical Monographs 1:299-312.

Sutton, D.A. 1988. A Revision of the Tribe Antirrhineae. Oxford University Press, London, U.K.

Misopates

Checklist contributor:

Flora contributor: Stephen Meyers

***Misopates orontium* (L.) Raf.**

Common names: weasel's snout, lesser snapdragon

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2020.

FPN2 - 458, accepted, in Oregon (explicit), .

Synonyms:

***Antirrhinum orontium* L.**

FPN - 415, accepted, in Oregon (implied); JPM - 1015, accepted, given distribution: CA-FP; native to Medit; JPM2 - 1004, accepted, no geog. info. given; PEK - 689, accepted, in Oregon (explicit); VP - 4:293, accepted.

Nothochelone

Checklist contributor: Henrietta Chambers, 3/21/2005

Flora contributor: Noel Holmgren

Nothochelone nemorosa (Douglas ex Lindl.) Straw

Common names: woodland beard tongue

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 428, accepted, in Oregon (implied); FPN2 - 458, accepted, in Oregon (implied), ; JPM - 1048, accepted, in Oregon (implied); JPM2 - 1016, accepted, in Oregon (implied).

Synonyms:

***Penstemon nemorosus* (Douglas ex Lindl.) Trautv.**

FPN - 428, synonym for *Nothochelone nemorosa*; IL - 3:769, accepted, in Oregon (explicit); PEK - 695, accepted, in Oregon (explicit); VP - 4:394, accepted, in Oregon (implied).

Nuttallanthus

Checklist contributor: Henrietta Chambers, 8/20/2003

Flora contributor: Kenton Chambers

Nuttallanthus canadensis (L.) D.A. Sutton

Common names: blue toadflax

Origin: exotic, not naturalized

Voucher: WTU, most recently collected in 1948.

FPN2 - 458, accepted, not in Oregon, in genus desc. .

Misapplied names:

***Linaria canadensis* (L.) Dum. Cours.**

FPN - 425, accepted, in Oregon (explicit); IL - 3:786, accepted, in Oregon (implied); IN - 4:460, accepted, in Oregon (implied); JPM - 1036, accepted, given distribution: NCo, NCoR, SNF, GV, CW, WTR, PR; to se US, adj Can, S.Am; PEK - 688, accepted, in Oregon (explicit); VP - 4:333, accepted, in Oregon (implied).

Nuttallanthus texanus (Scheele) D.A. Sutton

Common names: large flowered blue toadflax

Origin: native

Voucher: OSU, most recently collected in 2010.

FPN2 - 458, accepted, in Oregon (implied), ; JPM2 - 1017, accepted, not in Oregon.

Synonyms:

***Linaria canadensis* (L.) Dum. Cours. var. *texana* (Scheele) Pennell**

FPN - 425, accepted, in Oregon (implied); IL - 3:784, synonym for *Linaria texana*, in Oregon (implied); VP - 4:333, accepted, in Oregon (explicit).

***Linaria texana* Scheele**

FPN - 425, synonym for *Linaria canadensis* var. *texana*, in Oregon (implied); IL - 3:784, accepted, in Oregon (implied); PEK - 688, accepted, in Oregon (explicit).

Misapplied names:

Linaria canadensis* (L.) Dum. Cours. var. *canadensis

FPN - 425, accepted, in Oregon (implied); VP - 4:333, accepted, in Oregon (explicit).

Penstemon

Checklist contributor: Henrietta Chambers, 1/4/2005

Flora contributor: Noel Holmgren

Penstemon acuminatus Douglas ex Lindl.

FPN - 435, accepted, in Oregon (explicit); IL - 3:753, accepted, in Oregon (explicit); IN - 4:414, accepted, in Oregon (explicit); PEK - 702, accepted, in Oregon (explicit); VP - 4:371, accepted, in Oregon (explicit), `.

Penstemon acuminatus Douglas ex Lindl. var. *acuminatus*

Common names: sand dune penstemon, sharp leaved penstemon

Origin: native

Voucher: OSU, most recently collected in 1991.

FPN2 - 461, accepted, in Oregon (explicit), ; IN - 4:416, accepted.

***Penstemon acuminatus* Douglas ex Lindl. var. *latebracteatus* N.H. Holmgren**

Common names: sharp leaved penstemon

Origin: native

Voucher: OSU, most recently collected in 2010.

IN - 4:416, accepted.

***Penstemon anguineus* Eastw.**

Common names: tongue leaved penstemon

Origin: native

Voucher: OSU, most recently collected in 2017.

IL - 3:747, accepted, in Oregon (explicit); JPM - 1054, accepted, in Oregon (explicit); JPM2 - 1020, accepted, in Oregon (explicit); PEK - 701, accepted, in Oregon (explicit).

Penstemon attenuatus* Douglas ex Lindl. var. *attenuatus

Common names: sulphur penstemon, taper leaved penstemon

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 439, accepted, in Oregon (explicit); FPN2 - 464, accepted, in Oregon (explicit); ; GWM - 314, accepted; IN - 4:391, accepted, in Oregon (explicit); VP - 4:375, accepted, in Oregon (explicit).

Synonyms:

Penstemon attenuatus* Douglas ex Lindl. ssp. *attenuatus

IL - 3:742, (subtaxon implied), accepted, in Oregon (explicit); PEK - 698, accepted, in Oregon (explicit).

***Penstemon attenuatus* Douglas ex Lindl. var. *palustris* (Pennell) Cronquist**

Common names: small flowered sulphur beardtongue

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 438, accepted, in Oregon (explicit); FPN2 - 464, accepted, in Oregon (explicit); ; VP - 4:375, accepted, in Oregon (explicit).

Synonyms:

***Penstemon attenuatus* Douglas ex Lindl. ssp. *palustris* (Pennell) D.D. Keck**

IL - 3:743, accepted, in Oregon (explicit); PEK - 699, accepted, in Oregon (explicit).

Penstemon azureus* Benth. var. *azureus

Common names: azure penstemon

Origin: native

Voucher: OSU, most recently collected in 2018.

JPM - 1054, accepted, in Oregon (explicit); JPM2 - 1020, accepted, in Oregon (explicit); PEK - 704, (subtaxon implied), accepted, in Oregon (explicit).

Synonyms:

Penstemon azureus* Benth. ssp. *azureus

IL - 3:761, (subtaxon implied), accepted, in Oregon (explicit).

***Penstemon barrettiae* A. Gray**

Common names: Barrett's penstemon

Origin: native

Voucher: OSU, most recently collected in 2015.

FPN - 433, accepted, in Oregon (implied); FPN2 - 459, accepted, in Oregon (explicit); ; IL - 3:765, accepted, in Oregon (explicit); PEK - 694, accepted, in Oregon (explicit); VP - 4:375, accepted, in Oregon (explicit).

***Penstemon cardwellii* Howell**

Common names: Cardwell's penstemon

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 433, accepted, in Oregon (explicit); FPN2 - 460, accepted, in Oregon (explicit); ; IL - 3:768, accepted, in Oregon (explicit); PEK - 694, accepted, in Oregon (explicit); VP - 4:376, accepted, in Oregon (explicit).

***Penstemon cinicola* D.D. Keck**

Common names: ash penstemon, small flowered penstemon

Origin: native

Voucher: OSU, most recently collected in 2016.

FPN - 436, accepted, in Oregon (explicit); FPN2 - 461, accepted, in Oregon (explicit); ; IL - 3:739, accepted, in Oregon (explicit); IN - 4:394, accepted, in Oregon (explicit); JPM - 1055, accepted, in Oregon (explicit); JPM2 - 1020, accepted, in Oregon (explicit); PEK - 697, accepted, in Oregon (explicit); VP - 4:376, accepted, in Oregon (explicit).

***Penstemon confertus* Douglas ex Lindl.**

Common names: yellow penstemon

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 437, accepted, in Oregon (implied); FPN2 - 461, accepted, in Oregon (explicit); IL - 3:743, accepted, in Oregon (explicit); PEK - 696, accepted, in Oregon (explicit); VP - 4:377, accepted, in Oregon (explicit).

***Penstemon curtiflorus* (D.D. Keck) N.H. Holmgren**

Common names: curved-cutleaf beardtongue

Origin: native

Voucher: OSU, most recently collected in 1975.

FPN2 - 466, accepted, in Oregon (explicit).

Synonyms:

***Penstemon richardsonii* Douglas ex Lindl. var. *curtiflorus* (D.D. Keck) Cronquist**

FPN - 434, accepted, in Oregon (explicit); VP - 4:402, accepted, in Oregon (explicit).

***Penstemon cusickii* A. Gray**

Common names: Cusick's penstemon

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 434, accepted, in Oregon (explicit); FPN2 - 465, accepted, in Oregon (explicit); IL - 3:760, accepted, in Oregon (explicit); IN - 4:448, accepted, in Oregon (explicit); PEK - 704, accepted, in Oregon (explicit); VP - 4:377, accepted, in Oregon (explicit).

Penstemon davidsonii* Greene var. *davidsonii

Common names: Davidson's penstemon

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 433, accepted, in Oregon (explicit); FPN2 - 460, accepted, in Oregon (implied); IN - 4:385, accepted, in Oregon (implied); JPM - 1055, accepted, in Oregon (explicit); JPM2 - 1022, accepted, in Oregon (explicit); VP - 4:380, accepted, in Oregon (explicit).

Synonyms:

***Penstemon menziesii* Hook. ssp. *davidsonii* (Greene) Piper**

IL - 3:768, accepted, in Oregon (explicit); PEK - 695, accepted, in Oregon (explicit).

***Penstemon davidsonii* Greene var. *davidsonii* × *Penstemon rupicola* (Piper) Howell**

Origin: native

Voucher: OSU, most recently collected in 1973.

***Penstemon davidsonii* Greene var. *menziesii* (D.D. Keck) Cronquist**

Common names: Menzies' penstemon

Origin: native

Voucher: WCW, most recently collected in 1995.

FPN - 433, accepted, in Oregon (explicit); FPN2 - 460, accepted, in Oregon (explicit); VP - 4:380, accepted, in Oregon (explicit).

Synonyms:

Penstemon menziesii* Hook. ssp. *menziesii

IL - 3:768, (subtaxon implied), accepted, not in Oregon; PEK - 695, (subtaxon implied), accepted, in Oregon (explicit).

***Penstemon davidsonii* Greene × *Penstemon rupicola* (Piper) Howell**

Origin: native

Voucher: OSU, most recently collected in 1990.

***Penstemon davidsonii* Greene var. *praeteritus* Cronquist**

Common names: Davidson's late penstemon

Origin: native

Voucher: OSU, most recently collected in 2010.

IN - 4:386, accepted, in Oregon (explicit).

Penstemon deustus* Douglas ex Lindl. var. *deustus

Common names: hotrock beardtongue

Origin: native

Voucher: OSU, most recently collected in 2019.

FPN - 434, accepted, in Oregon (explicit); FPN2 - 462, accepted, in Oregon (explicit); ; GWM - 316, accepted; IN - 4:388, accepted, in Oregon (explicit); JPM2 - 1022, accepted, in Oregon (explicit); PEK - 696, (subtaxon implied), accepted, in Oregon (explicit); VP - 4:381, accepted, in Oregon (explicit).

Synonyms:

Penstemon deustus* Douglas ex Lindl. ssp. *deustus

IL - 3:748, (subtaxon implied), accepted, in Oregon (implied).

***Penstemon deustus* Douglas ex Lindl. var. *pedicellatus* M.E. Jones**

Common names: lanceleaf hotrock beardtongue

Origin: native

Voucher: OSU, most recently collected in 2014.

FPN2 - 462, accepted, in Oregon (explicit); ; IN - 4:388, accepted, in Oregon (explicit); JPM - 1055, accepted, in Oregon (explicit); JPM2 - 1022, accepted, in Oregon (explicit).

Synonyms:

***Penstemon deustus* Douglas ex Lindl. ssp. *heterander* (Torr. & A. Gray) Pennell & D.D. Keck**

IL - 3:748, accepted, in Oregon (explicit).

***Penstemon deustus* Douglas ex Lindl. var. *heterander* (Torr. & A. Gray) Cronquist**

FPN - 434, accepted, in Oregon (explicit); GWM - 316, accepted, in Oregon (explicit); PEK - 696, accepted, in Oregon (explicit); VP - 4:380, accepted, in Oregon (explicit).

***Penstemon deustus* Douglas ex Lindl. var. *suffrutescens* L.F. Hend.**

Common names: ovate leaved hotrock beard tongue

Origin: native

Voucher: OSU, most recently collected in 2017.

IL - 3:748, synonym for *Penstemon deustus*, in Oregon (implied); JPM - 1055, accepted, in Oregon (explicit); JPM2 - 1022, accepted, in Oregon (explicit).

***Penstemon deustus* Douglas ex Lindl. var. *variabilis* (Suksd.) Cronquist**

Common names: variable hotrock penstemon

Origin: native

Voucher: OSU, most recently collected in 2019.

FPN - 435, accepted, in Oregon (explicit); FPN2 - 462, accepted, in Oregon (explicit); ; VP - 4:381, accepted, in Oregon (explicit).

Synonyms:

***Penstemon variabilis* Suksd.**

IL - 3:748, accepted, in Oregon (explicit); PEK - 696, accepted, in Oregon (explicit).

***Penstemon eatonii* A. Gray**

Common names: firecracker penstemon

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2009.

JPM - 1055, accepted, not in Oregon.

Synonyms:

Penstemon eatonii* A. Gray var. *eatonii

FPN2 - 465, accepted, not in Oregon, .

***Penstemon elegantulus* Pennell**

Common names: lovely penstemon

Origin: native

Voucher: OSU, most recently collected in 1983.

FPN - 440, accepted, in Oregon (explicit); FPN2 - 463, accepted, in Oregon (explicit); ; IL - 3:746, accepted, in Oregon (explicit); PEK - 700, accepted, in Oregon (explicit); VP - 4:381, accepted, in Oregon (explicit).

***Penstemon eriantherus* Pursh**

FPN - 437, accepted, in Oregon (implied); IL - 3:751, accepted, not in Oregon; IN - 4:412, accepted, in Oregon (explicit).

***Penstemon eriantherus* Pursh var. *argillosus* M.E. Jones**

Common names: John Day fuzzytongue penstemon

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 438, accepted, in Oregon (explicit); FPN2 - 463, accepted, in Oregon (explicit); ; VP - 4:384, accepted, in Oregon (explicit).

Synonyms:

***Penstemon whitedii* Piper ssp. *dayanus* (Howell) D.D. Keck**

IL - 3:751, accepted, in Oregon (explicit); PEK - 701, accepted, in Oregon (explicit).

***Penstemon eriantherus* Pursh var. *redactus* Pennell & D.D. Keck**

Common names: longsac penstemon, Imnaha fuzzytongue

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 437, accepted, in Oregon (explicit); FPN2 - 463, accepted, in Oregon (explicit); ; IN - 4:412, accepted; VP - 4:384, accepted, in Oregon (explicit).

Synonyms:

***Penstemon whitedii* Piper ssp. *tristis* Pennell & D.D. Keck**

IL - 3:751, accepted, in Oregon (explicit); PEK - 701, accepted, in Oregon (explicit).

***Penstemon euglaucus* English**

Common names: glaucous penstemon

Origin: native

Voucher: OSU, most recently collected in 2014.

FPN - 436, accepted, in Oregon (implied); FPN2 - 461, accepted, in Oregon (explicit); ; IL - 3:741, accepted, in Oregon (explicit); PEK - 698, accepted, in Oregon (explicit); VP - 4:385, accepted, in Oregon (explicit).

***Penstemon fruticosus* (Pursh) Greene**

FPN - 433, accepted, in Oregon (implied); GWM - 316, accepted, in Oregon (explicit); IN - 4:384, accepted, in Oregon (explicit).

Penstemon fruticosus* (Pursh) Greene var. *fruticosus

Common names: shrubby penstemon

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 433, accepted, in Oregon (implied); FPN2 - 460, accepted, in Oregon (explicit), sp. Range: in Cas, from BC s to WA and n OR, e to the RM of Alta, ID, w MT, and nw WY; IN - 4:384, accepted; VP - 4:387, accepted, in Oregon (explicit).

Synonyms:

Penstemon fruticosus* (Pursh) Greene ssp. *fruticosus

IL - 3:765, (subtaxon implied), accepted, in Oregon (explicit); PEK - 694, (subtaxon implied), accepted, in Oregon (explicit).

***Penstemon fruticosus* (Pursh) Greene var. *serratus* (D.D. Keck) Cronquist**

Common names: sawleaf bush penstemon

Origin: native

Voucher: OSU, most recently collected in 2014.

FPN - 433, accepted, given distribution: mts. near SRC; FPN2 - 460, accepted, in Oregon (explicit); ; VP - 4:387, accepted, in Oregon (explicit).

Synonyms:

***Penstemon fruticosus* (Pursh) Greene ssp. *serratus* D.D. Keck**

IL - 3:765, accepted, in Oregon (explicit); PEK - 694, accepted, in Oregon (explicit).

Penstemon gairdneri* Hook. var. *gairdneri

Common names: Gairdner's penstemon, Gairdner's beardtongue

Origin: native

Voucher: OSU, most recently collected in 2014.

FPN - 439, accepted, in Oregon (explicit); FPN2 - 462, accepted, in Oregon (explicit); ; IN - 4:386, accepted, in Oregon (explicit); PEK - 695, (subtaxon implied), accepted, in Oregon (explicit); VP - 4:388, accepted, in Oregon (explicit).

Synonyms:

Penstemon gairdneri* Hook. ssp. *gairdneri

IL - 3:747, accepted, in Oregon (explicit).

***Penstemon gairdneri* Hook. var. *oreganus* A. Gray**

Common names: opposite leaved Gairdner's beardtongue

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 439, accepted, in Oregon (explicit); FPN2 - 462, accepted, in Oregon (explicit); ; IN - 4:386, accepted, in Oregon (explicit); PEK - 695, accepted, in Oregon (explicit); VP - 4:388, accepted, in Oregon (explicit).

Synonyms:

***Penstemon gairdneri* Hook. ssp. *oreganus* (A. Gray) D.D. Keck**

IL - 3:747, accepted, in Oregon (explicit).

***Penstemon glandulosus* Douglas ex Lindl.**

FPN - 434, accepted, in Oregon (explicit); IL - 3:764, accepted; IN - 4:454, accepted, in Oregon (explicit); PEK - 702, accepted, in Oregon (explicit); VP - 4:388, accepted, in Oregon (explicit).

***Penstemon glandulosus* Douglas ex Lindl. var. *chelanensis* (D.D. Keck) Cronquist**

Common names: Chelan penstemon

Origin: native

Voucher: OSU, most recently collected in 1932.

FPN - 434, accepted, not in Oregon; FPN2 - 466, accepted, in Oregon (explicit), .

Penstemon glandulosus* Douglas ex Lindl. var. *glandulosus

Common names: stickystem penstemon

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 434, accepted, in Oregon (implied); FPN2 - 466, accepted, in Oregon (explicit); ; VP - 4:388, accepted, in Oregon (explicit).

Synonyms:

Penstemon glandulosus* Douglas ex Lindl. ssp. *glandulosus

IL - 3:764, accepted, in Oregon (explicit).

***Penstemon glaucinus* Pennell**

Common names: blue leaved penstemon

Origin: native

Voucher: OSU, most recently collected in 2017.

IL - 3:742, accepted, in Oregon (explicit); PEK - 699, accepted, in Oregon (explicit).

***Penstemon globosus* (Piper) Pennell & D.D. Keck**

Common names: globe penstemon

Origin: native

Voucher: OSU, most recently collected in 2014.

FPN - 437, accepted, in Oregon (explicit); FPN2 - 461, accepted, in Oregon (explicit); ; GWM - 316, accepted, in Oregon (explicit); IL - 3:741, accepted, in Oregon (explicit); PEK - 698, accepted, in Oregon (explicit); VP - 4:388, accepted, in Oregon (explicit).

***Penstemon gracilentus* A. Gray**

Common names: slender penstemon

Origin: native

Voucher: OSU, most recently collected in 1993.

IL - 3:758, accepted, in Oregon (explicit); IN - 4:452, accepted, in Oregon (implied); JPM - 1056, accepted, in Oregon (explicit); JPM2 - 1022, accepted, in Oregon (explicit); PEK - 703, accepted, in Oregon (explicit).

***Penstemon hesperius* M. Peck**

Common names: tall penstemon

Origin: native

FPN - 437, synonym for *Penstemon rydbergii*, in Oregon (implied); FPN2 - 461, accepted, in Oregon (explicit); ; IL - 3:741, accepted, in Oregon (explicit); PEK - 698, accepted, in Oregon (explicit).

***Penstemon humilis* Nutt. ex A. Gray**

FPN - 439, accepted, in Oregon (implied); FPN2 - 464, accepted, in Oregon (explicit); ; GWM - 316, accepted, in Oregon (explicit); IL - 3:743, accepted, in Oregon (explicit); PEK - 699, accepted, in Oregon (explicit); VP - 4:390, accepted, in Oregon (explicit).

Penstemon humilis* Nutt. ex A. Gray var. *humilis

Common names: lowly penstemon

Origin: native

Voucher: OSU, most recently collected in 2013.

IN - 4:394, accepted, in Oregon (implied); JPM - 1056, accepted, in Oregon (explicit); JPM2 - 1024, accepted, in Oregon (explicit); PEK - 699, accepted, in Oregon (explicit).

Synonyms:

Penstemon cinereus* Piper ssp. *cinereus

FPN2 - 464, accepted, in Oregon (implied), ; IL - 3:743, (subtaxon implied), accepted, in Oregon (explicit); PEK - 699, (subtaxon implied), accepted, in Oregon (explicit).

***Penstemon cinereus* Piper ssp. *foliatus* D.D. Keck**

FPN2 - 464, accepted, in Oregon (explicit), ; IL - 3:743, accepted, in Oregon (explicit); PEK - 700, accepted, in Oregon (explicit).

***Penstemon janishiae* N.H. Holmgren**

Common names: Janish's penstemon

Origin: native

Voucher: OSU, most recently collected in 2014.

FPN2 - 463, accepted, in Oregon (explicit), ; IN - 4:408, accepted, in Oregon (explicit); JPM - 1056, accepted, in Oregon (explicit); JPM2 - 1024, accepted, in Oregon (explicit).

***Penstemon kingii* S. Watson**

Common names: King's penstemon

Origin: native

Voucher: UTC, most recently collected in 2018.

IN - 4:448, accepted, in Oregon (explicit).

***Penstemon laetus* A. Gray var. *sagittatus* (D.D. Keck) McMinn**

Common names: gay penstemon

Origin: native

Voucher: OSU, most recently collected in 2015.

FPN2 - 465, accepted, in Oregon (explicit), ; IN - 4:448, accepted, in Oregon (explicit); JPM - 1058, accepted, in Oregon (explicit); JPM2 - 1024, accepted, in Oregon (explicit).

Synonyms:

***Penstemon laetus* A. Gray ssp. *sagittatus* D.D. Keck**

IL - 3:761, accepted, in Oregon (explicit); PEK - 704, accepted, in Oregon (explicit).

***Penstemon miser* A. Gray**

Common names: Malheur penstemon, golden tongue penstemon

Origin: native

Voucher: OSU, most recently collected in 2010.

FPN - 440, accepted, in Oregon (explicit); FPN2 - 463, accepted, in Oregon (explicit), ; IL - 3:751, accepted, in Oregon (explicit); IN - 4:408, accepted, in Oregon (explicit); PEK - 701, accepted, in Oregon (explicit).

***Penstemon newberryi* A. Gray**

IN - 4:385, accepted, not in Oregon; JPM - 1058, accepted, in Oregon (explicit).

***Penstemon newberryi* A. Gray var. *berryi* (Eastw.) N.H. Holmgren**

Common names: Berry's penstemon

Origin: native

Voucher: OSU, most recently collected in 2003.

JPM - 1058, accepted, in Oregon (explicit); JPM2 - 1024, accepted, in Oregon (explicit).

Synonyms:

***Penstemon newberryi* A. Gray ssp. *berryi* (Eastw.) D.D. Keck**

IL - 3:768, accepted, in Oregon (explicit); PEK - 694, accepted, in Oregon (explicit).

***Penstemon ovatus* Douglas ex Hook.**

Common names: broad leaved penstemon

Origin: native

Voucher: OSU, most recently collected in 2006.

FPN - 440, accepted, in Oregon (implied); FPN2 - 463, accepted, in Oregon (explicit); IL - 3:746, accepted, in Oregon (explicit); PEK - 700, accepted, in Oregon (explicit); VP - 4:397, accepted, in Oregon (explicit).

***Penstemon palmeri* A. Gray**

IL - 3:753, accepted, not in Oregon.

Penstemon palmeri* A. Gray var. *palmeri

Common names: scented penstemon

Origin: exotic, not naturalized

Voucher: SOC, most recently collected in 2018.

FPN2 - 462, accepted, in Oregon (explicit); IN - 4:426, accepted, not in Oregon; JPM - 1058, accepted, not in Oregon; JPM2 - 1025, accepted, not in Oregon.

***Penstemon parvulus* (A. Gray) Krautter**

Common names: small azure beardtongue

Origin: native

Voucher: OSU, most recently collected in 2016.

IL - 3:763, accepted, in Oregon (explicit); JPM - 1058, accepted, in Oregon (explicit); JPM2 - 1025, accepted, in Oregon (explicit).

Synonyms:

***Penstemon azureus* Benth. var. *parvulus* A. Gray**

IL - 3:763, synonym for *Penstemon parvulus*, in Oregon (explicit); PEK - 704, accepted, in Oregon (explicit).

***Penstemon payettensis* A. Nelson & J.F. Macbr.**

Common names: Payette penstemon

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 435, accepted, in Oregon (explicit); FPN2 - 465, accepted, in Oregon (explicit); GWM - 316, accepted, in Oregon (explicit); IL - 3:751, accepted, in Oregon (explicit); IN - 4:432, accepted, in Oregon (explicit); PEK - 702, accepted, in Oregon (explicit); VP - 4:397, accepted, in Oregon (explicit).

***Penstemon peckii* Pennell**

Common names: Peck's penstemon

Origin: native

Voucher: OSU, most recently collected in 1994.

FPN - 438, accepted, in Oregon (explicit); FPN2 - 464, accepted, in Oregon (explicit); IL - 3:739, accepted, in Oregon (explicit); PEK - 697, accepted, in Oregon (explicit); VP - 4:397, accepted, in Oregon (explicit).

***Penstemon pennellianus* D.D. Keck**

Common names: Blue Mountain penstemon, Pennell's penstemon

Origin: native

Voucher: OSU, most recently collected in 2019.

FPN - 435, accepted, in Oregon (explicit); FPN2 - 465, accepted, in Oregon (explicit); IL - 3:753, accepted, in Oregon (explicit); PEK - 702, accepted, in Oregon (explicit); VP - 4:398, accepted, in Oregon (explicit).

***Penstemon perpulcher* A. Nelson**

Common names: beautiful penstemon

Origin: native

Voucher: OSU, most recently collected in 1979.

FPN - 435, accepted, given distribution: middle and lower SRP; FPN2 - 465, accepted, in Oregon (explicit); IN - 4:432, accepted, in Oregon (explicit).

***Penstemon pratensis* Greene**

Common names: white flowered penstemon

Origin: native

Voucher: OSU, most recently collected in 2011.

IL - 3:741, accepted, in Oregon (explicit); IN - 4:390, accepted, in Oregon (explicit); PEK - 696, accepted, in Oregon (explicit).

***Penstemon procerus* Douglas ex Graham**

FPN - 436, accepted, in Oregon (explicit); GWM - 317, accepted, in Oregon (explicit); IL - 3:738, accepted, in Oregon (explicit); IN - 4:392, accepted, not in Oregon; JPM - 1058, accepted, in Oregon (implied); PEK - 696, accepted, in Oregon (explicit).

***Penstemon procerus* Douglas ex Graham var. *brachyanthus* (Pennell) Cronquist**

Common names: short flowered pincushion beardtongue

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 436, accepted, in Oregon (explicit); FPN2 - 461, accepted, in Oregon (explicit); JPM - 1058, accepted, in Oregon (explicit); JPM2 - 1025, accepted, in Oregon (explicit); VP - 4:400, accepted, in Oregon (explicit).

Synonyms:

***Penstemon tolmiei* Hook. ssp. *brachyanthus* (Pennell) D.D. Keck**

IL - 3:739, accepted, in Oregon (explicit); PEK - 697, accepted, in Oregon (explicit).

***Penstemon procerus* Douglas ex Graham var. *formosus* (A. Nelson) Cronquist**

Common names: small pincushion beardtongue

Origin: native

Voucher: OSU, most recently collected in 2011.

FPN - 436, accepted, in Oregon (explicit); FPN2 - 461, accepted, in Oregon (explicit); GWM - 317, accepted, in Oregon (explicit); IN - 4:394, accepted, in Oregon (explicit); JPM - 1060, accepted, in Oregon (explicit); JPM2 - 1025, accepted, in Oregon (explicit); VP - 4:400, accepted, in Oregon (explicit).

Synonyms:

***Penstemon tolmiei* Hook. ssp. *formosus* (A. Nelson) D.D. Keck**

IL - 3:738, accepted, in Oregon (explicit); PEK - 697, accepted, in Oregon (explicit).

Penstemon procerus* Douglas ex Graham var. *procerus

Common names: pincushion beardtongue

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 436, accepted, in Oregon (implied); FPN2 - 461, accepted, in Oregon (explicit); GWM - 317, accepted, in Oregon (explicit); IN - 4:394, accepted, in Oregon (implied); VP - 4:400, accepted, in Oregon (explicit).

***Penstemon rattanii* A. Gray**

JPM - 1060, accepted, in Oregon (explicit); PEK - 701, accepted, in Oregon (explicit); VP - 4:409, accepted, in Oregon (explicit).

Penstemon rattanii* A. Gray var. *rattanii

Common names: Rattan's penstemon

Origin: native

Voucher: OSU, most recently collected in 2005.

FPN2 - 463, accepted, in Oregon (explicit); JPM - 1060, accepted, in Oregon (explicit); JPM2 - 1025, accepted, in Oregon (explicit).

Synonyms:

Penstemon rattanii* A. Gray ssp. *rattanii

IL - 3:747, (subtaxon implied), accepted, in Oregon (explicit).

***Penstemon richardsonii* Douglas ex Lindl.**

FPN - 434, accepted, in Oregon (explicit); IL - 3:764, accepted, in Oregon (explicit); PEK - 703, accepted, in Oregon (explicit).

***Penstemon richardsonii* Douglas ex Lindl. var. *dentatus* (D.D. Keck) Cronquist**

Common names: toothed-cutleaf beardtongue

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 434, accepted, in Oregon (explicit); FPN2 - 466, accepted, in Oregon (explicit); VP - 4:402, accepted, in Oregon (explicit).

Penstemon richardsonii* Douglas ex Lindl. var. *richardsonii

Common names: Richardson's penstemon

Origin: native

Voucher: OSU, most recently collected in 2019.

FPN - 434, accepted, in Oregon (implied); FPN2 - 466, accepted, in Oregon (explicit); VP - 4:402, accepted, in Oregon (explicit).

***Penstemon roezlii* Regel**

Common names: Roezli's penstemon

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 465, accepted, in Oregon (explicit); ; IL - 3:761, synonym for *Penstemon laetus* ssp. *roezlii*, in Oregon (explicit); JPM - 1060, accepted, in Oregon (explicit); JPM2 - 1025, accepted, in Oregon (explicit).

Synonyms:

***Penstemon laetus* A. Gray ssp. *roezlii* (Regel) D.D. Keck**

IL - 3:761, accepted, in Oregon (explicit).

***Penstemon laetus* A. Gray var. *roezlii* (Regel) Jeps.**

FPN - 434, accepted, in Oregon (explicit); IN - 4:448, accepted, in Oregon (explicit); PEK - 704, accepted, in Oregon (explicit); VP - 4:391, accepted, in Oregon (implied).

***Penstemon rupicola* (Piper) Howell**

Common names: cliff penstemon, rock penstemon

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 433, accepted, in Oregon (implied); FPN2 - 460, accepted, in Oregon (explicit); ; IL - 3:768, accepted, in Oregon (implied); JPM - 1060, accepted, in Oregon (implied); JPM2 - 1025, accepted, in Oregon (implied); PEK - 695, accepted, in Oregon (explicit); VP - 4:402, accepted, in Oregon (explicit).

***Penstemon rydbergii* A. Nelson**

FPN - 437, accepted, in Oregon (implied); FPN2 - 461, accepted, in Oregon (explicit); ; VP - 4:402, accepted, in Oregon (explicit).

***Penstemon rydbergii* A. Nelson var. *oreocharis* (Greene) N.H. Holmgren**

Common names: tall beardtongue, tall western penstemon, Rydberg's penstemon

Origin: native

Voucher: OSU, most recently collected in 2014.

IN - 4:390, accepted, in Oregon (explicit); JPM - 1060, accepted, in Oregon (explicit); JPM2 - 1026, accepted, in Oregon (explicit).

Synonyms:

***Penstemon oreocharis* Greene**

FPN - 437, synonym for *Penstemon rydbergii*, in Oregon (implied); IL - 3:739, accepted, in Oregon (implied); PEK - 697, accepted, in Oregon (explicit).

Penstemon rydbergii* A. Nelson var. *rydbergii

Common names: swollen penstemon

Origin: native

Voucher: OSU, most recently collected in 2015.

IN - 4:390, accepted, in Oregon (explicit).

Synonyms:

***Penstemon rydbergii* A. Nelson var. *varians* (A. Nelson) Cronquist**

FPN - 436, accepted, in Oregon (implied); GWM - 317, accepted, in Oregon (explicit); VP - 4:404, accepted.

***Penstemon seorsus* (A. Nelson) D.D. Keck**

Common names: narrow leaved penstemon, short lobed penstemon

Origin: native

Voucher: OSU, most recently collected in 2009.

FPN - 439, accepted, in Oregon (explicit); FPN2 - 462, accepted, in Oregon (explicit); ; IL - 3:747, accepted, in Oregon (explicit); IN - 4:386, accepted, in Oregon (explicit); PEK - 696, accepted, in Oregon (explicit); VP - 4:404, accepted, in Oregon (explicit).

***Penstemon serrulatus* Menzies ex Sm.**

Common names: coast penstemon, Cascades penstemon

Origin: native

Voucher: OSU, most recently collected in 2006.

FPN - 434, accepted, in Oregon (implied); FPN2 - 465, accepted, in Oregon (explicit); ; IL - 3:763, accepted, in Oregon (explicit); PEK - 703, accepted, in Oregon (explicit); VP - 4:405, accepted, in Oregon (explicit).

***Penstemon spatulatus* Pennell**

Common names: Wallowa penstemon

Origin: native

Voucher: OSU, most recently collected in 2014.

FPN - 438, accepted; FPN2 - 464, accepted, in Oregon (explicit); ; GWM - 317, accepted, in Oregon (explicit); PEK - 699, accepted, in Oregon (explicit); VP - 4:405, accepted, in Oregon (explicit).

Synonyms:

***Penstemon spathulatus* Pennell**

orthographic variant

FPN - 438, accepted, in Oregon (explicit); IL - 3:743, accepted, in Oregon (explicit).

***Penstemon speciosus* Douglas ex Lindl.**

Common names: royal penstemon, showy penstemon

Origin: native

Voucher: OSU, most recently collected in 2019.

FPN - 436, accepted, in Oregon (explicit); FPN2 - 464, accepted, in Oregon (implied); ; GWM - 318, accepted, in Oregon (explicit); IL - 3:751, accepted, in Oregon (implied); IN - 4:438, accepted, in Oregon (implied); JPM - 1060, accepted, in Oregon (implied); JPM2 - 1026, accepted, in Oregon (implied); PEK - 702, accepted, in Oregon (explicit); VP - 4:406, accepted, in Oregon (explicit).

***Penstemon subserratus* Pennell**

Common names: fine toothed penstemon

Origin: native

Voucher: OSU, most recently collected in 2013.

FPN - 440, accepted, in Oregon (explicit); FPN2 - 462, accepted, given distribution: Chelan Co, WA s to vic of CRG; ; IL - 3:746, accepted, in Oregon (explicit); PEK - 700, accepted, in Oregon (explicit); VP - 4:406, accepted, in Oregon (explicit).

***Penstemon triphyllus* Douglas**

FPN - 434, accepted, given distribution: along SR and its larger tribs; IL - 3:764, accepted, in Oregon (explicit); PEK - 703, accepted, in Oregon (explicit); VP - 4:406, accepted, in Oregon (explicit).

***Penstemon triphyllus* Douglas var. *infernalis* N.H. Holmgren**

Common names: whorled penstemon

Origin: native

FPN2 - 466, accepted, in Oregon (explicit).

Penstemon triphyllus* Douglas var. *triphyllus

Common names: Riggin's penstemon

Origin: native

Voucher: OSU, most recently collected in 2009.

FPN2 - 466, accepted, in Oregon (explicit).

***Penstemon venustus* Douglas ex Lindl.**

Common names: Venus penstemon, elegant penstemon

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 434, accepted, in Oregon (explicit); FPN2 - 466, accepted, in Oregon (explicit); ; GWM - 318, accepted, in Oregon (explicit); IL - 3:764, accepted, in Oregon (explicit); JPM - 1062, accepted, in Oregon (explicit); JPM2 - 1026, accepted, in Oregon (explicit); PEK - 703, accepted, in Oregon (explicit); VP - 4:408, accepted, in Oregon (explicit).

***Penstemon wilcoxii* Rydb.**

Common names: Wilcox's penstemon

Origin: native

Voucher: OSU, most recently collected in 2015.

FPN - 440, accepted, in Oregon (explicit); FPN2 - 463, accepted, in Oregon (explicit); ; GWM - 318, accepted, in Oregon (explicit); IL - 3:746, accepted, in Oregon (explicit); PEK - 700, accepted, in Oregon (explicit); VP - 4:409, accepted, in Oregon (explicit).

Literature cited for Penstemon

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

Plant Names Project, Ed. 2004-present. The International Plant Names Index. <http://www.ipni.org>. Harvard University Herbaria, Royal Botanic Gardens, Kew, and Australian National Herbarium.

Plantago

Checklist contributor: Henrietta Chambers, 1/1/2001

Flora contributor: treatment pending

***Plantago arenaria* Waldst. & Kit.**

Common names: sand plantain

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FPN2 - 466, accepted, in Oregon (implied), .

Synonyms:

***Plantago indica* L.**

FPN - 447, synonym for *Plantago psyllium*, in Oregon (implied); IL - 4:22, accepted, in Oregon (explicit); JPM - 821, accepted, not in Oregon.

***Plantago psyllium* L.**

ICBN rejected name

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 447, accepted, in Oregon (implied); VP - 4:443, accepted, not in Oregon.

***Plantago aristata* Michx.**

Common names: large bracted plantain, bristly plantain

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 1964.

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 448, accepted, in Oregon (implied), ...occ weed w Cas...; FPN2 - 467, accepted, not in Oregon, in *P. patagonica* desc.: *P. aristata* Michx., a more robust e N Am sp. ; IL - 4:20, accepted, in Oregon (explicit); JPM - 820, accepted, given distribution: NCo, GV, SCo, expected elsewhere; native to e US; JPM2 - 1028, accepted, no geog. info. given; PEK - 740, accepted, in Oregon (explicit); VP - 4:437, accepted, in Oregon (implied).

***Plantago coronopus* L.**

Common names: cutleaf plantain

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2020.

Chambers, 2001E - accepted, in Oregon (explicit); FPN2 - 466, accepted, in Oregon (implied), ; IL - 4:15, accepted, in Oregon (explicit); JPM - 820, accepted, given distribution: NCo, n SNF (Amador Co.), ScV, CCo, SCo (Ventura Co.), s ChI (Santa Catalina Island); native to Eur; JPM2 - 1028, accepted, no geog. info. given; PEK - 740, accepted, in Oregon (explicit); Simpson, 2001A - .

***Plantago elongata* Pursh**

FPN - 448, accepted, in Oregon (implied); IL - 4:22, accepted, given distribution: plant of northwestern US and Canada, may be expected to occur in eastern WA; IN - 4:335, accepted, in Oregon (implied); JPM - 820, accepted, in Oregon (implied); JPM2 - 1028, accepted, in Oregon (implied); VP - 4:438, accepted, in Oregon (implied).

Plantago elongata* Pursh var. *elongata

Common names: slender plantain

Origin: native

Voucher: OSU, most recently collected in 2013.

Chambers, 2001E - accepted, in Oregon (explicit); FPN2 - 467, accepted, in Oregon (implied), .

Synonyms:

***Plantago bigelovii* A. Gray**

IL - 4:22, accepted, in Oregon (implied); PEK - 740, accepted, in Oregon (explicit).

***Plantago erecta* E. Morris**

Common names: erect dwarf plantain

Origin: native

Voucher: OSU, most recently collected in 2010.

Chambers, 2001E - accepted, in Oregon (explicit); IL - 4:21, accepted, in Oregon (explicit); JPM - 820, accepted, in Oregon (explicit); JPM2 - 1030, accepted, in Oregon (explicit).

Synonyms:

***Plantago hookeriana* Fisch. & C.A. Mey. var. *californica* (Greene) Poe**

IL - 4:21, synonym for *Plantago erecta*, in Oregon (explicit); PEK - 740, accepted, in Oregon (explicit).

***Plantago eriopoda* Torr.**

Common names: redwool plantain, saline plantain

Origin: native

Voucher: OSU, most recently collected in 2018.

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 447, accepted, not in Oregon; FPN2 - 467, accepted, not in Oregon; ; IL - 4:18, accepted, in Oregon (explicit); IN - 4:335, accepted, in Oregon (explicit); JPM - 821, accepted, in Oregon (implied); JPM2 - 1030, accepted, in Oregon (implied); PEK - 738, accepted, in Oregon (explicit); VP - 4:438, accepted, in Oregon (explicit).

Synonyms:

***Plantago shastensis* Greene**

IL - 4:18, synonym for *Plantago eriopoda*, in Oregon (explicit); PEK - 739, accepted, in Oregon (explicit).

***Plantago lanceolata* L.**

Common names: English plantain, buckhorn plantain

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2019.

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 447, accepted, in Oregon (implied); FPN2 - 467, accepted, in Oregon (implied); ; GWM - 326, accepted, in Oregon (explicit); IL - 4:18, accepted, in Oregon (implied); IN - 4:334, accepted, in Oregon (implied); JPM - 821, accepted, given distribution: CA-FP; native to Eur; JPM2 - 1030, accepted, no geog. info. given; PEK - 739, accepted, in Oregon (explicit); VP - 4:438, accepted, in Oregon (implied).

***Plantago macrocarpa* Cham. & Schltdl.**

Common names: Alaska plantain

Origin: native

Voucher: OSU, most recently collected in 1995.

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 447, accepted, no geog. info. given; FPN2 - 467, accepted, in Oregon (explicit); ; IL - 4:17, accepted, in Oregon (explicit); PEK - 739, accepted, in Oregon (explicit); VP - 4:440, accepted, in Oregon (explicit).

***Plantago major* L.**

Common names: common plantain

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2019.

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 447, accepted, in Oregon (implied); FPN2 - 467, accepted, in Oregon (implied); ; GWM - 327, accepted, in Oregon (explicit); IL - 4:17, accepted, in Oregon (implied); IN - 4:334, accepted, in Oregon (implied); JPM - 821, accepted, given distribution: CA-FP (exc SN), GB; to e US; native to Eur; JPM2 - 1030, accepted, not in Oregon; VP - 4:440, accepted, in Oregon (implied).

Synonyms:

Plantago major* L. var. *major

Chambers, 2001E - , in Oregon (explicit); FPN - 447, accepted, in Oregon (implied); PEK - 738, (subtaxon implied), accepted, in Oregon (explicit).

***Plantago major* L. var. *pachyphylla* Pilg.**

Chambers, 2001E - , in Oregon (explicit); FPN - 447, accepted, in Oregon (implied).

***Plantago major* L. var. *pilgeri* Domin**

PEK - 738, accepted, in Oregon (explicit).

***Plantago major* L. var. *scopulorum* Fr. & Broberg**

PEK - 738, accepted, in Oregon (explicit).

***Plantago maritima* L.**

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 447, accepted, in Oregon (implied); FPN2 - 466, accepted, in Oregon (implied); ; JPM - 821, accepted, in Oregon (implied); JPM2 - 1030, accepted, in Oregon (implied); VP - 4:440, accepted, in Oregon (implied).

***Plantago maritima* L. var. *californica* (Fernald) Pilg.**

Common names: California seaside plantain

Origin: native

Voucher: OSU, most recently collected in 2012.

Chambers, 2001E - accepted, in Oregon (explicit); IL - 4:18, synonym for *Plantago juncooides* var. *californica*, in Oregon (implied); JPM - 821, synonym for *Plantago maritima*, in Oregon (implied), appears in the text under *P. maritima*, ".....pls from dry places ... var. *californica*"; Kozloff, 2005 - 274, accepted, in Oregon (explicit), "two varieties or subspecies are recognized in some references:..." [these not fully treated]; PEK - 739, synonym for *Plantago juncooides*, in Oregon (explicit).

Synonyms:

***Plantago juncooides* Lam. var. *californica* Fernald**

IL - 4:18, accepted, in Oregon (implied).

***Plantago maritima* L. var. *juncooides* (Lam.) A. Gray**

Common names: goosetongue seaside plantain

Origin: native

Voucher: OSU, most recently collected in 2009.

Chambers, 2001E - accepted, in Oregon (explicit); IL - 4:17, synonym for *Plantago juncooides*, in Oregon (implied); JPM - 821, synonym for *Plantago maritima*, in Oregon (explicit), appears in the text under *P. maritima*, ".....pls from wet places have been called var. *juncooides*"; Kozloff, 2005 - 274, accepted, in Oregon (explicit), "two varieties or subspecies are recognized in some references:..." [these not fully treated].

Synonyms:

***Plantago juncooides* Lam.**

IL - 4:17, accepted, in Oregon (implied); PEK - 739, accepted, in Oregon (explicit).

Plantago juncooides* Lam. var. *juncooides

IL - 4:17, (subtaxon implied), accepted, in Oregon (implied).

***Plantago maritima* L. ssp. *juncooides* (Lam.) Hultén**

FPN - 447, accepted, in Oregon (implied).

***Plantago patagonica* Jacq.**

Common names: Indian wheat

Origin: native

Voucher: OSU, most recently collected in 2018.

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 448, accepted, in Oregon (implied); FPN2 - 467, accepted, given distribution: occ intro w Cas and in e N Am, ; IN - 4:336, accepted, in Oregon (implied); JPM - 821, accepted, in Oregon (implied); JPM2 - 1030, accepted, in Oregon (implied); VP - 4:441, accepted, in Oregon (implied).

Synonyms:

***Plantago purshii* Roem. & Schult.**

FPN - 448, synonym for *Plantago patagonica*, in Oregon (implied); IL - 4:20, accepted, in Oregon (implied); PEK - 740, accepted, in Oregon (explicit).

***Plantago pusilla* Nutt.**

Common names: dwarf plantain

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2012.

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 448, accepted, in Oregon (implied); FPN2 - 467, accepted, in Oregon (explicit), ; IL - 4:22, accepted, in Oregon (explicit); JPM - 821, accepted, not in Oregon; JPM2 - 1030, accepted, no geog. info. given; PEK - 740, accepted, in Oregon (explicit); VP - 4:438, accepted, in Oregon (explicit).

***Plantago subnuda* Pilg.**

Common names: Mexican plantain

Origin: native

Voucher: OSU, most recently collected in 2017.

Chambers, 2001E - accepted, in Oregon (explicit); FPN - 447, synonym for *Plantago hirtella*, in Oregon (implied); FPN2 - 467, accepted, not in Oregon, ; IL - 4:17, synonym for *Plantago hirtella* Kunth var. *galeottiana* (Decne.) Pilger, in Oregon (implied); JPM - 821, accepted, not in Oregon; JPM2 - 1030, accepted, not in Oregon; PEK - 739, accepted, in Oregon (explicit).

Synonyms:

***Plantago hirtella* Kunth**

FPN - 447, accepted, in Oregon (implied); VP - 4:438, accepted, in Oregon (implied).

***Plantago virginica* L.**

Common names: Virginia plantain, dwarf plantain

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2004.

Chambers, 2001E - accepted, in Oregon (explicit); IL - 4:18, accepted, in Oregon (explicit); JPM - 821, accepted, not in Oregon; JPM2 - 1030, accepted, no geog. info. given; PEK - 740, accepted, in Oregon (explicit).

Literature cited for *Plantago*

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

Chambers, H. 2001E. Oregon plantains: the natives are diverse and we tolerate the weeds! Oregon Flora Newsletter 7(3):18-20.

Chambers, H.L. 2001D. Key to Oregon *Plantago*. Oregon Flora Newsletter 7(3):20.

Kozloff, E.N. 2005. Plants of Western Oregon, Washington & British Columbia. Timber Press, Portland, OR, USA.

Sairocarpus

Checklist contributor:

Flora contributor: Richard Halse

***Sairocarpus breweri* (A. Gray) D.A. Sutton**

Common names: Brewer's snapdragon

Origin: native

Voucher: WS, most recently collected in 2016.

Synonyms:

***Antirrhinum breweri* A. Gray**

IL - 3:790, accepted, in Oregon (explicit); PEK - 689, accepted, in Oregon (explicit).

***Antirrhinum vexillo-calyculatum* Kellogg**

IL - 3:790, accepted, not in Oregon; JPM - 1015, accepted, in Oregon (explicit).

***Antirrhinum vexillo-calyculatum* Kellogg ssp. *breweri* (A. Gray) D.M. Thomps.**

JPM - 1015, accepted, in Oregon (explicit).

***Antirrhinum vexillocalyculatum* Kellogg ssp. *breweri* (A. Gray) D.M. Thomps.**

orthographic variant

JPM2 - 1004, accepted, in Oregon (explicit).

***Sairocarpus kingii* (S. Watson) D.A. Sutton**

Common names: King's snapdragon

Origin: native

Voucher: WS, most recently collected in 1979.

Synonyms:

***Antirrhinum kingii* S. Watson**

IL - 3:791, accepted, in Oregon (explicit); IN - 4:456, accepted, in Oregon (explicit); JPM - 1014, accepted, in Oregon (explicit); JPM2 - 1004, accepted, in Oregon (explicit); PEK - 688, accepted, in Oregon (explicit).

Tonella

Checklist contributor: Henrietta Chambers, 6/25/2003

Flora contributor: Kenton Chambers

***Tonella floribunda* A. Gray**

Common names: large flowered tonella

Origin: native

Voucher: OSU, most recently collected in 2015.

FPN - 442, accepted, in Oregon; FPN2 - 469, accepted, in Oregon (explicit), ; IL - 3:782, accepted, in Oregon (explicit); PEK - 690, accepted, in Oregon (explicit); VP - 4:417, accepted, in Oregon (explicit).

***Tonella tenella* (Benth.) A. Heller**

Common names: small flowered tonella

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 442, accepted, in Oregon (implied); FPN2 - 469, accepted, in Oregon (implied); IL - 3:782, accepted, in Oregon (implied); JPM - 1063, accepted, in Oregon (implied); JPM2 - 1031, accepted, in Oregon (implied); PEK - 691, accepted, in Oregon (explicit); VP - 4:417, accepted, in Oregon (implied).

Veronica

Checklist contributor: Henrietta Chambers, 1/1/2005

Flora contributor: treatment pending

***Veronica agrestis* L.**

Common names: green procumbent speedwell

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 1902.

FPN2 - 469, accepted, in Oregon (explicit), in genus desc..

***Veronica americana* Schwein. ex Benth.**

Common names: American brooklime

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 443, accepted, no geog. info. given; FPN2 - 471, accepted, in Oregon (implied); GWM - 321, accepted, in Oregon (explicit); IL - 3:796, accepted, in Oregon (implied); IN - 4:464, accepted, in Oregon (implied); JPM - 1066, accepted, not in Oregon; JPM2 - 1032, accepted, in Oregon (implied); PEK - 714, accepted, in Oregon (explicit); VP - 4:420, accepted, in Oregon (implied).

***Veronica anagallis-aquatica* L.**

Common names: water speedwell, water pimpernel

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FPN - 444, accepted, no geog. info. given; FPN2 - 471, accepted, in Oregon (implied); IL - 3:796, accepted, in Oregon (implied); IN - 4:464, accepted, in Oregon (implied); JPM - 1066, accepted, in Oregon (implied); JPM2 - 1032, accepted, in Oregon (implied); VP - 4:421, accepted, in Oregon (implied).

Synonyms:

***Veronica anagallis* L.**

PEK - 714, accepted, in Oregon (explicit).

***Veronica connata* Pennell**

***Veronica connata* Pennell ssp. *glaberrima* (Pennell) Fassett**

IL - 3:797, accepted, in Oregon (implied).

***Veronica connata* Pennell var. *glaberrima* Pennell**

PEK - 714, accepted, in Oregon (explicit).

***Veronica argute-serrata* Regel & Schmalh.**

Common names: twolobed speedwell

Origin: exotic, not naturalized

Voucher: WTU, most recently collected in 2013.

Misapplied names:

***Veronica biloba* L.**

FPN - 443, accepted, no geog. info. given; IN - 4:466, accepted, not in Oregon; VP - 4:421, accepted, not in Oregon.

***Veronica arvensis* L.**

Common names: corn speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2020.

FPN - 443, accepted, no geog. info. given; FPN2 - 470, accepted, in Oregon (implied); GWM - 321, accepted, in Oregon (explicit); IL - 3:796, accepted, in Oregon (implied); IN - 4:466, accepted, not in Oregon; JPM - 1066, accepted, in Oregon (implied); JPM2 - 1032, accepted, given distribution: KR, NCoR, SNF, GV, SnFrB, SCoRO, TR, PR, MP, D; widely naturalized; native to Eurasia.; PEK - 715, accepted, in Oregon (explicit); VP - 4:421, accepted, in Oregon (implied).

***Veronica californica* M.M. Mart.Ort. & Albach**

Common names: heart leaf snow queen

Origin: native

Voucher: OSU, most recently collected in 2008.

Synonyms:

***Synthyris cordata* (A. Gray) A. Heller**

JPM2 - 1031, accepted, in Oregon (explicit).

***Synthyris reniformis* (Douglas ex Benth.) Benth. var. *cordata* A. Gray**

IL - 3:798, accepted, in Oregon (explicit); PEK - 716, accepted, in Oregon (explicit).

***Veronica catenata* Pennell**

Common names: chain speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2009.

FPN - 444, accepted, no geog. info. given; FPN2 - 471, accepted, given distribution: uncommon in our area, on both sides Casm widespread in N Am, ; IL - 3:797, synonym for *Veronica connata* Pennell ssp. *glaberrima* Pennell, in Oregon (implied); IN - 4:464, accepted, in Oregon (implied); JPM - 1066, accepted, in Oregon (implied); JPM2 - 1032, accepted, in Oregon (implied); VP - 4:421, accepted, in Oregon (implied).

Synonyms:

***Veronica connata* Pennell**

***Veronica chamaedrys* L.**

Common names: germander speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 1990.

FPN - 443, accepted, in Oregon (implied); FPN2 - 470, accepted, in Oregon (implied), ; IL - 3:796, accepted, in Oregon (implied); JPM - 1066, accepted, not in Oregon; PEK - 715, accepted, in Oregon (explicit); VP - 4:423, accepted, in Oregon (implied).

***Veronica cusickii* A. Gray**

Common names: Cusick's speedwell

Origin: native

Voucher: OSU, most recently collected in 2019.

FPN - 442, accepted, in Oregon (implied); FPN2 - 470, accepted, in Oregon (implied), ; GWM - 322, accepted, in Oregon (explicit); IL - 3:793, accepted, in Oregon (explicit); JPM - 1067, accepted, in Oregon (implied); JPM2 - 1032, accepted, in Oregon (implied); PEK - 714, accepted, in Oregon (explicit); VP - 4:423, accepted, in Oregon (explicit).

***Veronica filiformis* Sm.**

Common names: threadstalk speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FPN - 443, accepted, in Oregon (implied); FPN2 - 469, accepted, in Oregon (implied), ; JPM - 1067, accepted, not in Oregon.

***Veronica hederifolia* L.**

Common names: ivy speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2019.

FPN2 - 469, accepted, in Oregon (implied), .

Synonyms:

***Veronica hederæfolia* L.**

orthographic variant

FPN - 443, accepted, no geog. info. given; IN - 4:468, accepted, not in Oregon; VP - 4:423, accepted, not in Oregon.

***Veronica longifolia* L.**

Common names: long leaved speedwell

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2008.

FPN - 442, accepted, in Oregon (implied); FPN2 - 470, accepted, not in Oregon, .

Veronica missurica* Raf. ssp. *missurica

Common names: mountain kittentails

Origin: native

Voucher: OSU, most recently collected in 2010.

Synonyms:

Synthyris missurica* (Raf.) Pennell ssp. *missurica

FPN2 - 468, accepted, in Oregon (explicit), sp. Range: ne WA to ne OR, c ID, w MT (Ravalli Co), CRG, and n CA;

JPM2 - 1031, accepted, in Oregon (implied); PEK - 716, (subtaxon implied), accepted, in Oregon (explicit).

***Veronica missurica* Raf. ssp. *stellata* (Pennell) M.M. Mart.Ort. & Albach**

Common names: western mountain kittentails, Columbia synthyris

Origin: native

Voucher: OSU, most recently collected in 2003.

Synonyms:

***Synthyris missurica* (Raf.) Pennell ssp. *stellata* (Pennell) Kartesz & Gandhi**

FPN2 - 468, accepted, in Oregon (explicit), .

***Synthyris stellata* Pennell**

FPN - 441, synonym for *Synthyris missurica*, in Oregon (implied), "perhaps should be recognized as var. of *S. missurica*."; IL - 3:798, accepted, in Oregon (explicit); PEK - 716, accepted, in Oregon (explicit).

***Veronica officinalis* L.**

Common names: common speedwell, heath speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2015.

FPN - 443, accepted, in Oregon (implied); FPN2 - 471, accepted, in Oregon (explicit), ; VP - 4:424, accepted, in Oregon (implied).

Synonyms:

Veronica officinalis* L. var. *officinalis

IL - 3:796, (subtaxon implied), accepted, in Oregon (explicit).

***Veronica officinalis* L. var. *tournefortii* (Vill.) Reichenb.**

IL - 3:796, accepted, in Oregon (explicit).

***Veronica peregrina* L.**

FPN - 443, accepted, in Oregon; IN - 4:466, accepted, in Oregon (implied); VP - 4:424, accepted, in Oregon (implied).

Veronica peregrina* L. var. *peregrina

Common names: purslane speedwell

Origin: native

Voucher: OSU, most recently collected in 2015.

FPN - 443, accepted, in Oregon (implied); FPN2 - 470, accepted, given distribution: weedy, uncommon e US intro; w Cas, ; PEK - 715, (subtaxon implied), accepted, in Oregon (explicit).

Synonyms:

Veronica peregrina* L. ssp. *peregrina

IL - 3:796, (subtaxon implied), accepted, in Oregon (explicit).

***Veronica peregrina* L. var. *xalapensis* (Kunth) H. St. John & F.A. Warren**

Common names: hairy purslane speedwell

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 443, accepted, in Oregon; FPN2 - 470, accepted, in Oregon (implied), ; GWM - 322, accepted, in Oregon (explicit); PEK - 715, accepted, in Oregon (explicit).

Synonyms:

***Veronica peregrina* L. ssp. *xalapensis* (Kunth) Pennell**

IL - 3:796, accepted, in Oregon (implied); JPM - 1067, accepted, in Oregon (implied); JPM2 - 1032, accepted, in Oregon (implied).

***Veronica sherwoodii* M. Peck**

PEK - 715, accepted, in Oregon (explicit).

***Veronica persica* Poir.**

Common names: Persian speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2020.

FPN - 443, accepted, no geog. info. given; FPN2 - 469, accepted, in Oregon (implied), ; IL - 3:796, accepted, in Oregon (implied); IN - 4:466, accepted, in Oregon (implied); JPM - 1067, accepted, in Oregon (implied); JPM2 - 1032, accepted, in Oregon (implied); PEK - 715, accepted, in Oregon (explicit); VP - 4:424, accepted, in Oregon (implied).

***Veronica regina-nivalis* M.M. Mart.Ort. & Albach**

Common names: snow queen

Origin: native

Voucher: OSU, most recently collected in 2017.

Synonyms:

***Synthyris reniformis* (Douglas ex Benth.) Benth.**

FPN - 441, accepted, in Oregon (implied); FPN2 - 468, accepted, in Oregon (implied), ; JPM - 1063, accepted, in Oregon (implied); JPM2 - 1031, accepted, in Oregon (implied); Love, 2006 - ; VP - 4:416, accepted, in Oregon (implied).

Synthyris reniformis* (Douglas ex Benth.) Benth. var. *reniformis

IL - 3:798, (subtaxon implied), accepted, in Oregon (implied); PEK - 716, (subtaxon implied), accepted, in Oregon (explicit).

***Veronica rubra* (Douglas ex Hook.) M.M. Mart.Ort. & Albach**

Common names: red kittentails, besseyia

Origin: native

Voucher: OSU, most recently collected in 2018.

Synonyms:

***Besseyia rubra* (Douglas ex Hook.) Rydb.**

FPN - 415, accepted, in Oregon (implied); GWM - 301, accepted, in Oregon (explicit); IL - 3:800, accepted, in Oregon (explicit); PEK - 717, accepted, in Oregon (explicit); VP - 4:294, accepted, in Oregon (explicit).

***Synthyris rubra* Benth.**

FPN - 415, synonym for *Besseyia rubra*, in Oregon (implied); FPN2 - 468, accepted, in Oregon (explicit), .

***Veronica schizantha* (Piper) M.M. Mart.Ort. & Albach**

Common names: fringed synthyris

Origin: native

Voucher: OSU, most recently collected in 1975.

Synonyms:

***Synthyris schizantha* Piper**

Chambers, 1996A - ; FPN - 441, accepted, in Oregon (implied); FPN2 - 469, accepted, in Oregon (explicit), ; IL - 3:798, accepted, in Oregon (explicit); PEK - 716, accepted, in Oregon (explicit); VP - 4:416, accepted, in Oregon (explicit).

***Veronica scutellata* L.**

Common names: marsh speedwell, skullcap speedwell

Origin: native

Voucher: OSU, most recently collected in 2017.

FPN - 444, accepted, no geog. info. given; FPN2 - 471, accepted, in Oregon (implied), ; IL - 3:797, accepted, in Oregon (implied); JPM - 1067, accepted, in Oregon (implied); JPM2 - 1034, accepted, in Oregon (implied); PEK - 714, accepted, in Oregon (explicit); VP - 4:426, accepted, in Oregon (implied).

***Veronica serpyllifolia* L.**

FPN - 443, accepted, in Oregon (implied); GWM - 322, accepted, in Oregon (explicit); IN - 4:465, accepted, in Oregon (implied); PEK - 715, accepted, in Oregon (explicit).

***Veronica serpyllifolia* L. var. *humifusa* (Dicks.) Vahl**

Common names: thyme leaved speedwell

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 443, accepted, in Oregon (implied); FPN2 - 470, accepted, in Oregon (implied), ; IL - 3:793, accepted, in Oregon (implied); VP - 4:426, accepted, in Oregon (implied).

Synonyms:

***Veronica humifusa* Dicks.**

FPN - 443, synonym for *Veronica serpyllifolia* var. *humifusa*, in Oregon (implied); PEK - 715, accepted, in Oregon (explicit).

***Veronica serpyllifolia* L. ssp. *humifusa* (Dicks.) Syme**

GWM - 322, accepted, in Oregon (explicit); JPM - 1067, accepted, in Oregon (implied); JPM2 - 1034, accepted, in Oregon (implied).

Veronica serpyllifolia* L. var. *serpyllifolia

Common names: thyme-leaved speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FPN - 443, accepted, in Oregon (implied); FPN2 - 470, accepted, in Oregon (implied), ; IL - 3:793, (subtaxon implied), accepted, in Oregon (implied); VP - 4:426, accepted, in Oregon (implied).

***Veronica triphyllos* L.**

Common names: finger speedwell

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 1962.

FPN2 - 470, accepted, in Oregon (explicit), ; GWM - 322, accepted, in Oregon (explicit); JPM - 1067, accepted, not in Oregon.

***Veronica undulata* Wall. ex Roxb.**

Common names: undulate speedwell

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 1902.

FPN2 - 469, accepted, in Oregon (explicit), in genus desc..

***Veronica verna* L.**

Common names: speedwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FPN2 - 470, accepted, in Oregon (explicit), .

***Veronica wormskjoldii* Roem. & Schult.**

Common names: American alpine speedwell

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN - 442, accepted, in Oregon (implied); FPN2 - 470, accepted, in Oregon (implied), ; GWM - 323, accepted, in Oregon (explicit); IN - 4:464, accepted, in Oregon (implied); JPM - 1067, accepted, in Oregon (implied); JPM2 - 1034, accepted, in Oregon (implied); VP - 4:426, accepted, in Oregon (implied).

Synonyms:

***Veronica alpina* L.**

PEK - 714, accepted, in Oregon (explicit).

***Veronica wormskjoldii* Roem. & Schult. ssp. *alterniflora* (Fernald) Pennell**

IL - 3:793, accepted, in Oregon (implied).

Veronica wormskjoldii* Roem. & Schult. var. *wormskjoldii

IL - 3:793, accepted, in Oregon (explicit).

Literature cited for Veronica

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

Albach, D.C., M. Montserrat Martinez-Ortega, M.A. Fischer, M.W. Chase. 2004. A new classification of the tribe Veroniceae-problems and a possible solution. *Taxon* 53(2):429-452.

Hufford, L. and M. McMahon. 2004. Morphological evolution and systematics of *Synthyris* and *Besseyia* (Veronicaceae): a phylogenetic analysis. *Systematic Botany* 29(3):716-736.

Excluded names:

Collinsia parviflora* Douglas ex Lindl. var. *parviflora

IL - 3:778, (subtaxon implied), accepted, in Oregon (implied).

***Linaria genistifolia* (L.) Mill.**

FPN - 425, accepted, in Oregon (implied), occ W Cascades; VP - 4:333, accepted, in Oregon.

***Linaria supina* (L.) Chaz.**

JPM - 1036, accepted, not in Oregon; Kartesz & Meacham, 2007 - accepted, in Oregon, cites two specimens at OSU from Yamhill and Marion Counties, as well as Peck 1961.; KZ - 2:439, accepted; PEK - 687, accepted, in Oregon (explicit).

***Neogaerrhinum filipes* (A. Gray) Rothm.**

IN - 4:458, accepted, in Oregon (explicit).

Synonyms:

***Antirrhinum filipes* A. Gray**

JPM - 1014, accepted, not in Oregon; JPM2 - 1003, accepted, not in Oregon; PEK - 688, accepted, in Oregon (explicit).

***Penstemon lyallii* A. Gray**

FPN2 - 459, accepted, not in Oregon, ; VP - 4:392, accepted, in Oregon (explicit), records from ... Crook Co., Oregon need confirmation.

***Penstemon procerus* Douglas ex Graham var. *tolmiei* (Hook.) Cronquist**

FPN - 436, accepted, not in Oregon; FPN2 - 461, accepted, not in Oregon, ; GWM - 317, accepted, in Oregon (explicit); VP - 4:400, accepted, not in Oregon.

***Synthyris missurica* (Raf.) Pennell ssp. *hirsuta* Pennell**

IL - 3:798, accepted, in Oregon (explicit); PEK - 716, accepted, in Oregon (explicit).

Literature cited for Plantaginaceae

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

Albach, D.C., M. Montserrat Martinez-Ortega, M.A. Fischer, M.W. Chase. 2004. A new classification of the tribe Veroniceae-problems and a possible solution. *Taxon* 53(2):429-452.

Baldwin, B.G., S. Kalisz, and W.S. Armbruster. 2011. Phylogenetic perspectives on diversification, biogeography and floral evolution of *Collinsia* and *Tonella* (Plantaginaceae). *American Journal of Botany* 98(4):731-753.

Chambers, H. 2001E. Oregon plantains: the natives are diverse and we tolerate the weeds! *Oregon Flora Newsletter* 7(3):18-20.

Chambers, H.L. 2001D. Key to Oregon *Plantago*. *Oregon Flora Newsletter* 7(3):20.

Gray, A. 1879. Botanical contributions. *Proceedings of the American Academy of Arts and Sciences* 15:25-52.

Hufford, L. and M. McMahon. 2004. Morphological evolution and systematics of *Synthyris* and *Besseyia* (Veroniceae): a phylogenetic analysis. *Systematic Botany* 29(3):716-736.

Jones, M.E. 1908. New species and notes. *Contributions to Western Botany* 12:1-100.

Kartesz, J.T. and C.A. Meacham. 2007. *Synthesis of the North American Flora*, Prepublication Version 2.0. Missouri Botanical Garden Press, St. Louis, MO.

Kozloff, E.N. 2005. *Plants of Western Oregon, Washington & British Columbia*. Timber Press, Portland, OR, USA.

Lansdown, R. 2009. Nomenclatural notes on *Callitriche* (Callitrichaceae) in North America. *Novon* 19:364-369.

Old, R.R. 1993. Noteworthy collections: Idaho, Oregon and Washington. *Madroño* 40:136.

Pennell, F.W. 1935. *Linaria* in the Scrophulariaceae of eastern temperate North America. *Academy of Natural Sciences Philosophical Monographs* 1:299-312.

Philbrick, C.T. and R.K. Jansen. 1991. Phylogenetic studies of North American *Callitriche* (Callitrichaceae) using chloroplast DNA restriction fragment analysis. *Systematic Botany* 16:478-491.

Plant Names Project, Ed. 2004-present. *The International Plant Names Index*. <http://www.ipni.org>. Harvard University Herbaria, Royal Botanic Gardens, Kew, and Australian National Herbarium.

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

IL = An Illustrated Flora of the Pacific States

IN = Intermountain Flora

IPNI = The International Plant Names Index

JPM = The Jepson manual

KZ = A synonymized checklist...(Kartesz)

PEK = A manual of the higher plants of Oregon

PLANTS = <http://plants.usda.gov>

VP = Vascular Plants of the Pacific Northwest

a- = no authority given in the reference

a+ = authority in the reference matches checklist

a± = authority abbreviation in the reference differs

sa = authority at the specific level in the reference

ssa = authority at the subspecific level in the reference