

# Checklist of Oregon Boraginaceae

Thea Jaster, Stephen C. Meyers and Scott Sundberg, eds.  
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## Adelinia

Checklist contributor:

Flora contributor: James (Jim) Cohen

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### *Adelinia grandis* (Douglas ex Lehm.) J.I. Cohen

Common names: Pacific hound's tongue, grand hound's tongue

Origin: native

Voucher: OSU, most recently collected in 2014.

Cohen, 2015 - accepted; FOO - 2:387, accepted, in Oregon (explicit); FPN2 - 422, accepted, in Oregon (implied), .

Synonyms:

***Cynoglossum grande* Douglas ex Lehm.**

FOO - 2:387, synonym for *Adelinia grandis*; FPN - 390, accepted, in Oregon (implied); IL - 3:540, accepted, in Oregon (implied); JPM - 378, accepted, in Oregon (implied); JPM2 - 468, accepted, in Oregon (implied); PEK - 648, accepted, in Oregon (explicit); VP - 4:200, accepted, in Oregon (explicit).

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### Literature cited for *Adelinia*

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

Cohen, J. 2015. *Adelinia* and *Andersonglossum* (Boraginaceae), two new genera from New World species of *Cynoglossum*. *Systematic Botany* 40(2):611-619.

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## Amsinckia

Checklist contributor: Richard Halse, 12/1/2001

Flora contributor: Christian Feuille

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### *Amsinckia carinata* A. Nelson & J.F. Macbr.

Common names: Malheur Valley fiddleneck

Origin: native

Voucher: OSU, most recently collected in 2014.

FOO - 2:388, accepted, in Oregon (explicit); IN - 4:278, accepted, in Oregon (explicit); VP - 4:183, synonym for *Amsinckia vernicosa*, in Oregon (explicit); Walker, 2000 - .

Synonyms:

***Amsinckia vernicosa* Hook. & Arn. var. *vernicosa***

FOO - 2:388, synonym for *Amsinckia carinata*; IL - 3:606, (subtaxon implied), accepted, not in Oregon; JPM - 369, accepted, not in Oregon.

Misapplied names:

***Amsinckia vernicosa* Hook. & Arn.**

JPM - 368, accepted, in Oregon (explicit); JPM2 - 454, accepted, not in Oregon; VP - 4:183, accepted, in Oregon (explicit).

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### *Amsinckia lycopsoides* Lehm.

Common names: tarweed fiddleneck, bugloss fiddleneck

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:388, accepted, in Oregon (explicit); FPN - 386, accepted, in Oregon (implied); FPN2 - 422, accepted, in Oregon (implied), ; GWM - 290, accepted, in Oregon (explicit); IL - 3:608, accepted, in Oregon (explicit); JPM - 368, accepted, in Oregon (implied); JPM2 - 454, accepted, in Oregon (implied); PEK - 650, accepted, in Oregon (explicit); VP - 4:178, accepted, in Oregon (implied).

### ***Amsinckia menziesii* (Lehm.) A. Nelson & J.F. Macbr.**

Common names: Menzies' fiddleneck, rancher's fiddleneck

Origin: native

Voucher: OSU, most recently collected in 2016.

FOO - 2:388, accepted, in Oregon (explicit); FPN - 386, accepted, no geog. info. given; FPN2 - 422, accepted, in Oregon (implied), ; IN - 4:276, accepted, in Oregon (explicit); JPM - 368, accepted, in Oregon (implied); JPM2 - 454, accepted, in Oregon (implied); VP - 4:180, accepted, in Oregon (implied).

Synonyms:

***Amsinckia intermedia* Fisch. & C.A. Mey.**

FOO - 2:388, synonym for *Amsinckia menziesii*; FPN - 386, accepted, in Oregon (implied); FPN2 - 422, accepted, in Oregon (implied), ; GWM - 290, accepted, in Oregon (explicit); IL - 3:607, accepted, in Oregon (implied); IN - 4:276, accepted, in Oregon (implied); JPM2 - 454, accepted, in Oregon (implied); PEK - 651, accepted, in Oregon (explicit); VP - 4:178, accepted, in Oregon (implied).

***Amsinckia menziesii* (Lehm.) A. Nelson & J.F. Macbr. var. *intermedia* (Fisch. & C.A. Mey.)**

**Ganders**

FOO - 2:388, synonym for *Amsinckia menziesii*; JPM - 368, accepted, in Oregon (implied).

***Amsinckia menziesii* (Lehm.) A. Nelson & J.F. Macbr. var. *menziesii***

FOO - 2:388, synonym for *Amsinckia menziesii*; JPM - 368, accepted, in Oregon (implied).

***Amsinckia micrantha* Suksd.**

FOO - 2:388, synonym for *Amsinckia menziesii*; FPN - 386, synonym for *Amsinckia menziesii*, in Oregon (implied); IL - 3:607, accepted, in Oregon (explicit); PEK - 651, accepted, in Oregon (explicit).

***Amsinckia retrorsa* Suksd.**

FOO - 2:388, synonym for *Amsinckia menziesii*; FPN - 386, accepted, in Oregon (implied); FPN2 - 422, accepted, in Oregon (implied), ; IL - 3:607, accepted, in Oregon (implied); IN - 4:277, accepted, in Oregon (explicit); JPM2 - 454, accepted, in Oregon (implied); PEK - 650, accepted, in Oregon (explicit); VP - 4:181, accepted, in Oregon (implied).

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### ***Amsinckia spectabilis* Fisch. & C.A. Mey.**

FPN - 386, accepted, no geog. info. given, Plants maritime...; JPM - 368, accepted, in Oregon (implied); PEK - 650, accepted, in Oregon (explicit); VP - 4:181, accepted, in Oregon (implied).

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### ***Amsinckia spectabilis* Fisch. & C.A. Mey. var. *spectabilis***

Common names: seaside fiddleneck, woolly breeches

Origin: native

Voucher: OSU, most recently collected in 1939.

FOO - 2:389, accepted, in Oregon (explicit); FPN2 - 422, accepted, in Oregon (implied), ; IL - 3:606, (subtaxon implied), accepted, in Oregon (explicit); JPM - 368, accepted, not in Oregon; JPM2 - 454, accepted, in Oregon (implied).

Synonyms:

***Amsinckia scouleri* I.M. Johnst.**

FOO - 2:389, synonym for *Amsinckia spectabilis* var. *spectabilis*; IL - 3:606, accepted, in Oregon (explicit); PEK - 650, accepted, in Oregon (explicit).

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### ***Amsinckia tessellata* A. Gray**

FPN - 386, accepted, in Oregon (implied); IL - 3:604, accepted, in Oregon (implied); IN - 4:278, accepted, in Oregon (implied); JPM - 368, accepted, in Oregon (implied); PEK - 650, accepted, in Oregon (explicit); VP - 4:181, accepted, in Oregon (implied).

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### ***Amsinckia tessellata* A. Gray var. *tessellata***

Common names: bristly fiddleneck, devil's lettuce, tessellate fiddleneck, checker fiddleneck

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:389, accepted, in Oregon (explicit); FPN2 - 422, accepted, in Oregon (implied), ; JPM - 368, accepted, in Oregon (implied); JPM2 - 454, accepted, in Oregon (implied).

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## **Amsinckiopsis**

Checklist contributor:

Flora contributor: C. Guilliams, Kristen Hasenstab-Lehman, Ronald Kelley

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***Amsinckiopsis kingii* (S. Watson) Guilliams, Hasenstab-Lehman & B.G. Baldwin var. *harknessii* (Greene)**

Guilliams, Hasenstab-Lehman & B.G. Baldwin

Common names: northern Great Basin popcornflower

Origin: native

Voucher: OSU, most recently collected in 2008.

FOO - 2:390, accepted, in Oregon (explicit).

Synonyms:

***Plagiobothrys harknessii* (Greene) A. Nelson & J.F. Macbr.**

FOO - 2:390, synonym for *Amsinckiopsis kingii* var. *harknessii*; FPN - 397, accepted, in Oregon (explicit); IL - 3:573, synonym for *Plagiobothrys kingii* var. *harknessii*, in Oregon; IN - 4:272, synonym for *Plagiobothrys kingii* var. *harknessii*, in Oregon; PEK - 659, accepted, in Oregon (explicit); VP - 4:239, accepted, in Oregon (explicit).

***Plagiobothrys kingii* (S. Watson) A. Gray var. *harknessii* (Greene) Jeps.**

FOO - 2:390, synonym for *Amsinckiopsis kingii* var. *harknessii*; FPN2 - 434, accepted, in Oregon (explicit); IL - 3:573, accepted, in Oregon (explicit); IN - 4:272, accepted, in Oregon; JPM - 389, accepted, in Oregon (explicit); JPM2 - 506, accepted, in Oregon (explicit); VP - 4:239, synonym for *Plagiobothrys harknessii*, in Oregon.

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***Amsinckiopsis kingii* (S. Watson) Guilliams, Hasenstab-Lehman & B.G. Baldwin var. *kingii***

Common names: southern Great Basin popcornflower

Origin: native

Voucher: OSU, most recently collected in 2005.

FOO - 2:390, accepted, in Oregon (explicit).

Synonyms:

***Plagiobothrys kingii* (S. Watson) A. Gray var. *kingii***

FOO - 2:390, synonym for *Amsinckiopsis kingii* var. *kingii*; IN - 4:272, accepted, not in Oregon; JPM - 389, accepted, in Oregon (explicit); JPM2 - 506, accepted, not in Oregon.

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## Anchusa

Checklist contributor: Richard Halse, 8/11/1998

Flora contributor: Richard Halse

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***Anchusa azurea* Mill.**

Common names: showy bugloss, Italian bugloss, garden bugloss

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2017.

FOO - 2:391, accepted, in Oregon (explicit); FPN - 387, accepted, in Oregon (implied); IL - 3:541, accepted, in Oregon (explicit); JPM - 369, accepted, not in Oregon; JPM2 - 454, accepted, in Oregon (implied); VP - 4:183, accepted, in Oregon (explicit).

Synonyms:

***Anchusa azurea* Mill. var. *azurea***

FPN2 - 423, accepted, in Oregon (implied).

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***Anchusa capensis* Thunb.**

Common names: Cape bugloss

Origin: exotic, not naturalized

Voucher: GH, most recently collected in 1925.

FOO - 2:391, uncertain; IL - 3:541, accepted, in Oregon (explicit); VP - 4:184, accepted, in Oregon (implied).

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***Anchusa officinalis* L.**

Common names: common bugloss

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2013.

FOO - 2:391, accepted, in Oregon (explicit); FPN - 387, accepted, in Oregon (implied); FPN2 - 423, accepted, in Oregon (implied); IL - 3:541, accepted, in Oregon (explicit); IN - 4:293, accepted, in Oregon (implied); JPM - 369, accepted, in Oregon (implied); JPM2 - 454, accepted, in Oregon (implied); PEK - 649, accepted, in Oregon (explicit); VP - 4:183, accepted, in Oregon (implied).

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## Andersonglossum

Checklist contributor:

Flora contributor: James (Jim) Cohen

## ***Andersonglossum occidentale* (A. Gray) J.I. Cohen**

Common names: western hound's tongue

Origin: native

Voucher: OSU, most recently collected in 2013.

Cohen, 2015 - accepted; FOO - 2:392, accepted, in Oregon (explicit); FPN2 - 423, accepted, in Oregon (explicit), .

Synonyms:

***Cynoglossum occidentale* A. Gray**

FOO - 2:392, synonym for *Andersonglossum occidentale*; FPN - 390, accepted, in Oregon (explicit); IL - 3:537, accepted, in Oregon (explicit); JPM - 378, accepted, in Oregon (explicit); JPM2 - 468, accepted, in Oregon (explicit); PEK - 648, accepted, in Oregon (explicit); VP - 4:200, accepted, in Oregon (explicit).

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## **Literature cited for *Andersonglossum***

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

Cohen, J. 2015. *Adelinia* and *Andersonglossum* (Boraginaceae), two new genera from New World species of *Cynoglossum*. *Systematic Botany* 40(2):611-619.

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## **Asperugo**

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: Richard Halse

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### ***Asperugo procumbens* L.**

Common names: madwort

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2020.

FOO - 2:392, accepted, in Oregon (explicit); FPN - 387, accepted, in Oregon (implied); FPN2 - 423, accepted, in Oregon (implied), ; GWM - 290, accepted, in Oregon (explicit); IL - 3:609, accepted, in Oregon (explicit); IN - 4:220, accepted, in Oregon (implied); JPM - 369, accepted, in Oregon (implied); JPM2 - 455, accepted, in Oregon (implied); PEK - 651, accepted, in Oregon (explicit); VP - 4:184, accepted, in Oregon (implied).

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## **Borago**

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: Stephen Meyers

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### ***Borago officinalis* L.**

Common names: common borage

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2016.

FOO - 2:393, accepted, in Oregon (explicit); FPN - 387, accepted, in Oregon (implied); FPN2 - 423, accepted, in Oregon (explicit), ; IL - 3:540, accepted, in Oregon (explicit); JPM - 369, accepted, given distribution: NCo, n&c SNF, CCo, SnFrB, SCo; widespread US; native to s Eur; JPM2 - 455, accepted, in Oregon (implied); VP - 4:184, accepted, in Oregon (implied).

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## **Buglossoides**

Checklist contributor: Stephen Meyers, 11/10/2010

Flora contributor: James (Jim) Cohen

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### ***Buglossoides arvensis* (L.) I.M. Johnst.**

Common names: corn gromwell, field gromwell

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FOO - 2:393, accepted, in Oregon (explicit); FPN2 - 424, accepted, in Oregon (implied), .

Synonyms:

***Lithospermum arvense* L.**

FOO - 2:393, synonym for *Buglossoides arvensis*; FPN - 394, accepted, in Oregon (implied); GWM - 294, accepted, in Oregon (explicit); IL - 3:548, accepted, in Oregon (explicit); IN - 4:290, accepted, in Oregon (implied); JPM - 382, accepted, in Oregon (explicit); JPM2 - 478, accepted, in Oregon (implied); PEK - 668, accepted, in Oregon (explicit); VP - 4:218, accepted, in Oregon (implied).

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# Cryptantha

Checklist contributor: Richard Halse, 12/27/2006

Flora contributor: Michael Simpson, Ronald Kelley

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## *Cryptantha affinis* (A. Gray) Greene

Common names: side-grooved cryptantha, slender cryptantha, quill cryptantha

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:395, accepted, in Oregon (explicit); FPN - 389, accepted, in Oregon (implied); FPN2 - 425, accepted, in Oregon (implied), ; GWM - 291, accepted, in Oregon (explicit); IL - 3:596, accepted, in Oregon (explicit); IN - 4:260, accepted, in Oregon (explicit); JPM - 372, accepted, in Oregon (implied); JPM2 - 458, accepted, in Oregon (implied); PEK - 657, accepted, in Oregon (explicit); VP - 4:187, accepted, in Oregon (implied).

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## *Cryptantha ambigua* (A. Gray) Greene

Common names: Wilkes' cryptantha, obscure cryptantha, basin cryptantha

Origin: native

Voucher: OSU, most recently collected in 2019.

FOO - 2:395, accepted, in Oregon (explicit); FPN - 390, accepted, in Oregon (explicit); FPN2 - 426, accepted, in Oregon (implied), ; IL - 3:590, accepted, in Oregon (explicit); IN - 4:260, accepted, not in Oregon; JPM - 372, accepted, in Oregon (implied); JPM2 - 458, accepted, in Oregon (implied); PEK - 656, accepted, in Oregon (explicit); VP - 4:189, accepted, in Oregon (implied).

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## *Cryptantha echinella* Greene

Common names: prickly cryptantha

Origin: native

Voucher: OSU, most recently collected in 1995.

FOO - 2:396, accepted, in Oregon (explicit); FPN - 390, accepted, not in Oregon; FPN2 - 426, accepted, not in Oregon, ; IL - 3:590, accepted, not in Oregon; IN - 4:262, accepted, in Oregon (explicit); JPM - 374, accepted, in Oregon (explicit); JPM2 - 462, accepted, in Oregon (explicit); VP - 4:190, accepted, not in Oregon.

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## *Cryptantha fendleri* (A. Gray) Greene

Common names: sand dune cryptantha, Fendler's cryptantha

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:396, accepted, in Oregon (explicit); FPN - 389, accepted, in Oregon (explicit); FPN2 - 426, accepted, in Oregon (implied), ; IL - 3:593, accepted, in Oregon (explicit); IN - 4:258, accepted, in Oregon (explicit); JPM2 - 462, accepted, in Oregon (implied); PEK - 657, accepted, in Oregon (explicit); VP - 4:190, accepted, in Oregon (explicit).

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## *Cryptantha flaccida* (Douglas ex Lehm.) Greene

Common names: weak-stemmed cryptantha, pale cryptantha

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:396, accepted, in Oregon (explicit); FPN - 389, accepted, in Oregon (implied); FPN2 - 425, accepted, in Oregon (implied), ; IL - 3:596, accepted, in Oregon (implied); IN - 4:264, accepted, not in Oregon; JPM - 374, accepted, in Oregon (implied); JPM2 - 462, accepted, in Oregon (implied); PEK - 657, accepted, in Oregon (explicit); VP - 4:190, accepted, in Oregon (implied).

Synonyms:

*Cryptantha rostellata* (Greene) Greene

in part

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## *Cryptantha gracilis* Osterh.

Common names: narrowstem cryptantha, slender cryptantha

Origin: native

Voucher: OSU, most recently collected in 2011.

FOO - 2:397, accepted, in Oregon (explicit); FPN2 - 425, accepted, in Oregon (implied), ; IL - 3:593, accepted, not in Oregon; IN - 4:258, accepted, in Oregon (explicit); JPM - 374, accepted, in Oregon (explicit); JPM2 - 462, accepted, in Oregon (implied).

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### ***Cryptantha grandiflora* Rydb.**

Common names: Clearwater cryptantha, large-flowered cryptantha

Origin: native

Voucher: OSU, most recently collected in 2015.

FOO - 2:397, accepted, in Oregon (explicit); FPN - 389, synonym for *Cryptantha intermedia* var. *grandiflora*, in Oregon (implied); FPN2 - 425, accepted, in Oregon (explicit); ; IL - 3:591, accepted, in Oregon (explicit); PEK - 656, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha intermedia* (A. Gray) Greene**

in part

***Cryptantha intermedia* (A. Gray) Greene var. *grandiflora* (Rydb.) Cronquist**

FOO - 2:397, synonym for *Cryptantha grandiflora*; FPN - 389, accepted, in Oregon (implied); VP - 4:191, accepted, in Oregon (implied).

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### ***Cryptantha hispidula* Greene ex Brand**

Common names: Napa cryptantha

Origin: native

Voucher: OSU, most recently collected in 2013.

FOO - 2:397, accepted, in Oregon (explicit); IL - 3:595, accepted, not in Oregon; JPM - 374, accepted, not in Oregon; JPM2 - 463, accepted, not in Oregon.

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### ***Cryptantha intermedia* (A. Gray) Greene var. *hendersonii* (A. Nelson) Jeps. & Hoover**

Common names: Palouse cryptantha

Origin: native

Voucher: OSU, most recently collected in 2013.

FOO - 2:398, accepted, in Oregon (explicit); FPN2 - 425, accepted, in Oregon (implied); ; JPM2 - 463, accepted, in Oregon (implied).

Synonyms:

***Cryptantha hendersonii* (A. Nelson) Piper ex J.C. Nelson**

FOO - 2:398, synonym for *Cryptantha intermedia* var. *hendersonii*; FPN - 389, synonym for *Cryptantha intermedia*, in Oregon (implied); IL - 3:287, accepted, in Oregon (explicit); PEK - 655, accepted, in Oregon (explicit).

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### ***Cryptantha intermedia* (A. Gray) Greene var. *intermedia***

Common names: common cryptantha, Clearwater cat's eye, nievitas

Origin: native

Voucher: OSU, most recently collected in 2019.

FOO - 2:398, accepted, in Oregon (explicit); IN - 4:256, accepted; JPM2 - 463, accepted, not in Oregon; VP - 4:191, accepted, not in Oregon.

Synonyms:

***Cryptantha fragilis* M. Peck**

FOO - 2:398, synonym for *Cryptantha intermedia* var. *intermedia*; PEK - 655, accepted, in Oregon (explicit); Wade, 2001 - .

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### ***Cryptantha leiocarpa* (Fisch. & C.A. Mey.) Greene**

Common names: beach cryptantha, seaside cryptantha

Origin: native

Voucher: OSU, most recently collected in 2014.

FOO - 2:399, accepted, in Oregon (explicit); IL - 3:594, accepted, in Oregon (explicit); JPM - 374, accepted, in Oregon (explicit); JPM2 - 464, accepted, in Oregon (explicit); PEK - 657, accepted, in Oregon (explicit).

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### ***Cryptantha milobakeri* I.M. Johnst.**

Common names: Milo Baker's cryptantha

Origin: native

Voucher: OSU, most recently collected in 2013.

FOO - 2:399, accepted, in Oregon (explicit); IL - 3:587, accepted, in Oregon (explicit); JPM - 376, accepted, in Oregon (explicit); JPM2 - 464, accepted, in Oregon (explicit); PEK - 655, accepted, in Oregon (explicit).

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### ***Cryptantha pterocarya* (Torr.) Greene**

FPN - 389, accepted, in Oregon (explicit); JPM - 376, accepted, in Oregon (implied); PEK - 654, accepted, in Oregon (explicit); VP - 4:194, accepted, in Oregon (explicit).

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***Cryptantha pterocarya* (Torr.) Greene var. *pterocarya***

Common names: wingnut cryptantha, winged cryptantha

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:399, accepted, in Oregon (explicit); FPN - 389, accepted, in Oregon (explicit); FPN2 - 426, accepted, in Oregon (implied), ; IL - 3:582, (subtaxon implied), accepted, in Oregon (implied); JPM2 - 466, accepted, in Oregon (implied); VP - 4:195, accepted, in Oregon (explicit).

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***Cryptantha recurvata* Coville**

Common names: bent-nut cryptantha, curvenut cryptantha

Origin: native

Voucher: NY, most recently collected in 2008.

FOO - 2:401, accepted, in Oregon (explicit); FPN2 - 424, accepted, not in Oregon, in genus desc.; IL - 3:582, accepted, in Oregon (explicit); IN - 4:264, accepted, in Oregon (explicit); JPM - 377, accepted, in Oregon (explicit); JPM2 - 466, accepted, in Oregon (explicit); PEK - 655, accepted, in Oregon (explicit).

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***Cryptantha rostellata* (Greene) Greene**

sensu stricto

Common names: red-stemmed cryptantha, beaked cryptantha

Origin: native

Voucher: OSU, most recently collected in 2000.

FOO - 2:401, accepted, in Oregon (explicit); FPN - 389, accepted, in Oregon (explicit); JPM2 - 466, accepted, in Oregon (explicit); PEK - 657, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha rostellata* (Greene) Greene var. *rostellata***

FOO - 2:401, synonym for *Cryptantha rostellata*; IL - 3:595, (subtaxon implied), accepted, in Oregon (implied).

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***Cryptantha scoparia* A. Nelson**

Common names: desert cryptantha, gray cryptantha

Origin: native

Voucher: OSU, most recently collected in 2008.

FOO - 2:402, accepted, in Oregon (explicit); FPN - 390, accepted, in Oregon (explicit); FPN2 - 426, accepted, in Oregon (implied), ; IL - 3:586, accepted, in Oregon (explicit); IN - 4:262, accepted, in Oregon (explicit); JPM2 - 466, accepted, in Oregon (implied); PEK - 655, accepted, in Oregon (explicit); VP - 4:195, accepted, in Oregon (explicit).

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***Cryptantha simulans* Greene**

Common names: pinewoods cryptantha, pine cryptantha

Origin: native

Voucher: OSU, most recently collected in 2019.

FOO - 2:402, accepted, in Oregon (explicit); FPN - 390, accepted, in Oregon (implied); FPN2 - 426, accepted, in Oregon (implied), ; GWM - 291, accepted, in Oregon (explicit); IL - 3:587, accepted, in Oregon (explicit); JPM - 377, accepted, in Oregon (implied); JPM2 - 467, accepted, in Oregon (implied); PEK - 656, accepted, in Oregon (explicit); VP - 4:197, accepted, in Oregon (implied).

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***Cryptantha torreyana* (A. Gray) Greene**

FPN - 389, accepted, in Oregon (implied); GWM - 292, accepted, in Oregon (explicit); IL - 3:591, accepted, in Oregon (implied); IN - 4:258, accepted, in Oregon (implied); JPM - 377, accepted, in Oregon (implied); PEK - 656, accepted, in Oregon (explicit); VP - 4:197, accepted, in Oregon (implied).

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***Cryptantha torreyana* (A. Gray) Greene var. *torreyana***

Common names: Torrey's cryptantha

Origin: native

Voucher: OSU, most recently collected in 1980.

FOO - 2:402, accepted, in Oregon (explicit); FPN2 - 426, accepted, in Oregon (implied), ; JPM2 - 467, accepted, in Oregon (implied); VP - 4:198, accepted, in Oregon (implied).

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***Cryptantha watsonii* (A. Gray) Greene**

Common names: Watson's cryptantha

Origin: native

Voucher: OSU, most recently collected in 2020.

FOO - 2:403, accepted, in Oregon (explicit); FPN - 389, accepted, not in Oregon; FPN2 - 425, accepted, in Oregon (implied), ; IL - 3:593, accepted, in Oregon (explicit); IN - 4:258, accepted, in Oregon (explicit); JPM - 377, accepted, in Oregon (implied); JPM2 - 468, accepted, in Oregon (implied); PEK - 656, accepted, in Oregon (explicit); VP - 4:198, accepted, in Oregon (implied).

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## Literature cited for *Cryptantha*

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

Hasenstab-Lehman, K.E. and M.G. Simpson. 2012. Cat's eyes and popcorn flowers: Phylogenetic systematics of the genus *Cryptantha* s.l. (Boraginaceae). *Systematic Botany* 37(3):738-757.

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.

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## Cynoglossum

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: Barbara Montoya, James (Jim) Cohen

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### *Cynoglossum officinale* L.

Common names: common hound's tongue, gypsy flower, beggar's lice

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FOO - 2:403, accepted, in Oregon (explicit); FPN - 390, accepted, given distribution: ...intro weedy bien...; FPN2 - 426, accepted, in Oregon (implied), ; GWM - 292, accepted, in Oregon (explicit); IL - 3:537, accepted, in Oregon (explicit); IN - 4:288, accepted, in Oregon (implied); JPM - 378, accepted, not in Oregon; JPM2 - 468, accepted, in Oregon (implied); PEK - 648, accepted, in Oregon (explicit); Simpson, 2003 - , in Oregon (explicit); VP - 4:200, accepted, in Oregon (implied).

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## Echium

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: Christian Feuillet

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### *Echium candicans* L. f.

Common names: pride of Madeira

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2015.

FOO - 2:404, uncertain; JPM2 - 2:470, accepted.

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### *Echium plantagineum* L.

Common names: Paterson's curse, purple viper's bugloss, salvation Jane

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2004.

FOO - 2:404, accepted, in Oregon (explicit); FPN2 - 427, accepted, in Oregon (explicit), ; JPM - 378, accepted, not in Oregon; JPM2 - 470, accepted, given distribution: c CCo, SCo (San Diego Co.); native to s Eur, widely naturalized..

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### *Echium vulgare* L.

Common names: blueweed, common viper's bugloss

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2002.

FOO - 2:404, uncertain; FPN - 391, accepted, given distribution: ...roadside weed, intro from Europe.; FPN2 - 427, accepted, in Oregon (implied), ; IN - 4:292, accepted, in Oregon (implied); VP - 4:202, accepted, in Oregon (implied).

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## Eremocarya

Checklist contributor:

Flora contributor: Michael Simpson, Ronald Kelley

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### *Eremocarya micrantha* (Torr.) Greene var. *micrantha*

Common names: desert redroot

Origin: native

Voucher: WS, most recently collected in 2015.

FOO - 2:404, accepted, in Oregon (explicit).

Synonyms:

*Cryptantha micrantha* (Torr.) I.M. Johnst.

FOO - 2:404, synonym for *Eremocarya micrantha* var. *micrantha*; IN - 4:266, accepted, in Oregon (implied); JPM - 376, accepted, not in Oregon; PEK - 654, accepted, in Oregon (explicit).



## Eritrichium

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: Christian Feuillet

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### *Eritrichium nanum* (Vill.) Schrad. ex Gaudin

FPN - 391, accepted, in Oregon (explicit); GWM - 292, accepted, in Oregon (explicit); IN - 4:222, accepted, in Oregon (explicit); VP - 4:203, accepted, in Oregon (explicit).

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### *Eritrichium nanum* (Vill.) Schrad. ex Gaudin var. *elongatum* (Rydb.) Cronquist

Common names: arctic alpine forget-me-not

Origin: native

Voucher: OSU, most recently collected in 1996.

FOO - 2:405, accepted, in Oregon (explicit); FPN - 391, accepted, in Oregon (explicit); VP - 4:204, accepted, in Oregon (explicit).

Synonyms:

#### *Eritrichium elongatum* (Rydb.) W. Wight

FOO - 2:405, synonym for *Eritrichium nanum* var. *elongatum*; FPN - 391, synonym for *Eritrichium nanum* var. *elongatum*, in Oregon (explicit); GWM - 292, synonym for *Eritrichium nanum*, in Oregon (explicit); IL - 3:557, accepted, in Oregon (explicit); PEK - 663, accepted, in Oregon (explicit).

Misapplied names:

#### *Eritrichium argenteum* W. Wight

FPN2 - 427, accepted, in Oregon (explicit).

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## Greeneocharis

Checklist contributor:

Flora contributor: Michael Simpson, Ronald Kelley

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### *Greeneocharis circumscissa* (Hook. & Arn.) Rydb. var. *circumscissa*

Common names: cushion greeneocharis, matted cryptantha, cushion cryptantha

Origin: native

Voucher: OSU, most recently collected in 1990.

FOO - 2:406, accepted, in Oregon (explicit); FPN2 - 427, accepted, in Oregon (implied), ; IL - 3:557, (subtaxon implied), accepted, in Oregon (explicit).

Synonyms:

#### *Cryptantha circumscissa* (Hook. & Arn.) I.M. Johnst. var. *circumscissa*

FOO - 2:406, synonym for *Greeneocharis circumscissa* var. *circumscissa*; FPN - 389, accepted, in Oregon (implied); JPM2 - 459, accepted, not in Oregon; VP - 4:190, accepted, in Oregon (implied).

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## Gruvelia

Checklist contributor:

Flora contributor: C. Williams

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### *Gruvelia pusilla* A. DC.

Common names: little gruvelia

Origin: native

Voucher: OSU, most recently collected in 2014.

FOO - 2:406, accepted, in Oregon (explicit); FPN2 - 428, accepted, in Oregon (implied), .

Synonyms:

#### *Pectocarya pusilla* (A. DC.) A. Gray

FOO - 2:406, synonym for *Gruvelia pusilla*; FPN - 396, accepted, in Oregon (implied); IL - 3:537, accepted, in Oregon (explicit); JPM - 384, accepted, in Oregon (implied); JPM2 - 485, accepted, in Oregon (implied); PEK - 649, accepted, in Oregon (explicit); VP - 4:236, accepted, in Oregon (implied).

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## Hackelia

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: Erika Saenz, Luciano Mancera, James (Jim) Cohen

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***Hackelia bella* (J.F. Macbr.) I.M. Johnst.**

Common names: beautiful stickseed

Origin: native

Voucher: OSU, most recently collected in 2017.

IL - 3:553, accepted, not in Oregon; JPM - 380, accepted, not in Oregon; JPM2 - 474, accepted, in Oregon (explicit).

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***Hackelia californica* I.M. Johnst.**

Common names: California stickseed

Origin: native

Voucher: OSU, most recently collected in 2015.

FOO - 2:407, accepted, in Oregon (explicit); FPN - 392, accepted, in Oregon (explicit); FPN2 - 429, accepted, in Oregon (explicit), ; IL - 3:554, accepted, in Oregon (explicit); JPM - 380, accepted, not in Oregon; JPM2 - 474, accepted, in Oregon (explicit); PEK - 663, accepted, in Oregon (explicit); VP - 4:206, accepted, in Oregon (explicit).

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***Hackelia cronquistii* J.L. Gentry**

Common names: Cronquist's stickseed

Origin: native

Voucher: OSU, most recently collected in 1989.

FOO - 2:407, accepted, in Oregon (explicit); FPN - 392, accepted, in Oregon (explicit); FPN2 - 429, accepted, in Oregon (explicit), ; IN - 4:282, accepted, in Oregon (explicit).

---

***Hackelia cusickii* (Piper) Brand**

Common names: Cusick's stickseed

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:408, accepted, in Oregon (explicit); FPN - 392, accepted, in Oregon (explicit); FPN2 - 428, accepted, in Oregon (explicit), ; IL - 3:551, accepted, in Oregon (explicit); IN - 4:280, accepted, in Oregon (explicit); JPM - 380, accepted, not in Oregon; JPM2 - 474, accepted, in Oregon (explicit); PEK - 664, accepted, in Oregon (explicit); VP - 4:208, accepted, in Oregon (explicit).

---

***Hackelia diffusa* (Douglas ex Lehm.) I.M. Johnst.**

FOO - 2:408, accepted, in Oregon (explicit); FPN - 393, accepted, given distribution: e end of CRG; IL - 3:553, accepted, in Oregon (explicit); VP - 4:210, uncertain, in Oregon (explicit).

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***Hackelia diffusa* (Douglas ex Lehm.) I.M. Johnst. var. *cottonii* (Piper) R.L. Carr**

Common names: spreading stickseed

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:409, accepted, in Oregon (explicit); FPN2 - 429, accepted, in Oregon (explicit), .

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***Hackelia diffusa* (Douglas ex Lehm.) I.M. Johnst. var. *diffusa***

Common names: spreading stickseed

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:409, accepted, in Oregon (explicit); FPN2 - 429, accepted, in Oregon (explicit), sp. Range: sc BC s, e Cas, to e end of CRG in WA and OR; PEK - 664, (subtaxon implied), accepted, in Oregon (explicit).

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***Hackelia floribunda* (Lehm.) I.M. Johnst.**

Common names: manyflower stickseed

Origin: native

Voucher: OSU, most recently collected in 1997.

FOO - 2:409, accepted, in Oregon (explicit); FPN - 392, accepted, in Oregon (explicit); FPN2 - 428, accepted, in Oregon (implied), ; GWM - 293, accepted, in Oregon (explicit); IL - 3:551, accepted, in Oregon (explicit); IN - 4:284, accepted, in Oregon (implied); JPM - 380, accepted, in Oregon (implied); JPM2 - 474, accepted, in Oregon (implied); PEK - 664, accepted, in Oregon (explicit); VP - 4:211, accepted, in Oregon (explicit).

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***Hackelia hispida* (A. Gray) I.M. Johnst.**

Common names: showy stickseed

Origin: native

Voucher: OSU, most recently collected in 2012.

FOO - 2:409, accepted, in Oregon (explicit); FPN - 393, accepted, not in Oregon; IL - 3:554, accepted, in Oregon (explicit); PEK - 665, accepted, in Oregon (explicit); VP - 4:211, accepted, in Oregon (explicit).

Synonyms:

***Hackelia hispida* (A. Gray) I.M. Johnst. var. *hispida***

FOO - 2:409, synonym for *Hackelia hispida*; FPN2 - 429, accepted, in Oregon (explicit), .

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### ***Hackelia micrantha* (Eastw.) J.L. Gentry**

Common names: Jessica sticktight, blue stickseed, meadow stickseed

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:409, accepted, in Oregon (explicit); FPN - 392, accepted, in Oregon (implied); FPN2 - 428, accepted, in Oregon (implied); ; IN - 4:282, accepted, in Oregon (implied); JPM - 380, accepted, in Oregon (implied); JPM2 - 474, accepted, in Oregon (implied).

Synonyms:

#### ***Hackelia jessicae* (McGregor) Brand**

FOO - 2:409, synonym for *Hackelia micrantha*; FPN - 392, synonym for *Hackelia micrantha*, in Oregon (implied);

GWM - 293, accepted, in Oregon (explicit); IL - 3:551, accepted, in Oregon (implied); PEK - 664, accepted, in Oregon (explicit); VP - 4:211, accepted, in Oregon (explicit).

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### ***Hackelia mundula* (Jeps.) Ferris**

Common names: pink stickseed

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2016.

FOO - 2:407, uncertain; JPM - 380, accepted, not in Oregon; JPM2 - 474, accepted, in Oregon (explicit).

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### ***Hackelia ophiobia* R.L. Carr**

Common names: Three Forks stickseed, Owyhee River stickseed

Origin: native

Voucher: OSU, most recently collected in 2002.

FOO - 2:409, accepted, in Oregon (explicit); IN - 4:280, accepted, in Oregon (explicit).

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### ***Hackelia patens* (Nutt.) I.M. Johnst.**

Common names: spotted stickseed

Origin: native

Voucher: OSU, most recently collected in 2007.

FOO - 2:410, accepted, in Oregon (explicit); FPN - 392, accepted, not in Oregon; IN - 4:282, accepted, not in Oregon; VP - 4:213, accepted, not in Oregon.

Synonyms:

#### ***Hackelia diffusa* (Douglas ex Lehm.) I.M. Johnst. var. *coerulescens* (Rydb.) I.M. Johnst.**

FOO - 2:410, synonym for *Hackelia patens*; PEK - 664, accepted, in Oregon (explicit).

#### ***Hackelia patens* (Nutt.) I.M. Johnst. var. *patens***

FOO - 2:410, synonym for *Hackelia patens*; FPN - 392, accepted, not in Oregon; FPN2 - 429, accepted, not in Oregon, .

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### ***Hackelia setosa* (Piper) I.M. Johnst.**

Common names: bristly stickseed

Origin: native

Voucher: OSU, most recently collected in 1987.

FOO - 2:410, accepted, in Oregon (explicit); IL - 3:553, accepted, in Oregon (explicit); JPM - 380, accepted, not in Oregon; JPM2 - 475, accepted, in Oregon (explicit); PEK - 664, accepted, in Oregon (explicit).

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## **Literature cited for *Hackelia***

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

Gentry, J.L. and R.L. Carr. 1976. A revision of the genus *Hackelia* (Boraginaceae) in North America, north of Mexico. *Memoirs of the New York Botanical Garden* 26:121-227.

Johnston, I.M. 1923A. Studies in the Boraginaceae. Restoration of the Genus *Hackelia*. *Contributions from the Gray Herbarium of Harvard University* 68:43-48.

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## **Lappula**

Checklist contributor: Richard Halse, 1/1/1998

Flora contributor: Stephen Meyers

### ***Lappula redowskii* (Hornem.) Greene**

Common names: western stickseed, western tickweed

Origin: native and exotic

Voucher: OSU, most recently collected in 2011.

FOO - 2:411, accepted, in Oregon (explicit); FPN - 393, accepted, in Oregon (implied); GWM - 293, accepted, in Oregon (explicit); IN - 4:284, accepted, in Oregon (implied); JPM - 381, accepted, in Oregon (implied); PEK - 665, accepted, in Oregon (explicit); VP - 4:216, accepted, in Oregon (implied).

Synonyms:

#### ***Lappula desertorum* Greene**

FPN2 - 430, accepted, in Oregon (explicit), .

#### ***Lappula montana* Greene**

FPN2 - 430, accepted, not in Oregon, .

#### ***Lappula occidentalis* (S. Watson) Greene**

FPN2 - 430, accepted, given distribution: se WA to AZ, e to se ID and UT, ours var. stricta.

#### ***Lappula redowskii* (Hornem.) Greene var. *cupulata* (A. Gray) M.E. Jones**

FOO - 2:411, synonym for *Lappula redowskii*; FPN - 393, accepted, given distribution: "...chiefly sw var., occ with us...; IL - 3:549, accepted, in Oregon (implied); JPM - 381, accepted, in Oregon (implied); JPM2 - 478, accepted, in Oregon (implied); VP - 4:217, accepted, in Oregon (explicit).

#### ***Lappula redowskii* (Hornem.) Greene var. *desertorum* (Greene) I.M. Johnst.**

FOO - 2:411, synonym for *Lappula redowskii*; FPN - 393, accepted, given distribution: chiefly sw var., occ with us; IL - 3:549, synonym for *Lappula redowskii* var. *cupulata*, in Oregon (implied); PEK - 665, accepted, in Oregon (explicit); VP - 4:217, accepted, in Oregon (explicit).

#### ***Lappula redowskii* (Hornem.) Greene var. *redowskii***

FOO - 2:411, synonym for *Lappula redowskii*; FPN - 393, accepted, in Oregon (implied); IL - 3:549, (subtaxon implied), accepted, in Oregon (implied); JPM - 381, accepted, in Oregon (implied); JPM2 - 478, accepted, in Oregon (implied); PEK - 665, accepted, in Oregon (explicit); VP - 4:217, accepted, in Oregon (implied).

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### ***Lappula squarrosa* (Retz.) Dumort.**

Common names: European stickseed, bristly fruited tickweed

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2016.

FOO - 2:411, accepted, in Oregon (explicit); FPN2 - 430, accepted, in Oregon (explicit), ; IN - 4:286, accepted, in Oregon (implied); JPM - 381, accepted, not in Oregon; JPM2 - 478, accepted, in Oregon (implied).

Synonyms:

#### ***Lappula echinata* Gilib.**

FOO - 2:411, synonym for *Lappula squarrosa*; FPN - 393, accepted, no geog. info. given; GWM - 293, accepted, in Oregon (explicit); IL - 3:549, accepted, in Oregon (explicit); PEK - 665, accepted, in Oregon (explicit); VP - 4:216, accepted, in Oregon (implied).

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## **Lithodora**

Checklist contributor:

Flora contributor: treatment pending

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### ***Lithodora diffusa* I.M. Johnst. ssp. *diffusa***

Common names: lithodora

Origin: exotic, not naturalized

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## **Lithospermum**

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: James (Jim) Cohen

### ***Lithospermum californicum* A. Gray**

Common names: California stoneseed, California gromwell

Origin: native

Voucher: OSU, most recently collected in 2009.

FOO - 2:412, accepted, in Oregon (explicit); IL - 3:548, accepted, in Oregon (explicit); JPM - 382, accepted, in Oregon (explicit); JPM2 - 478, accepted, in Oregon (explicit); PEK - 669, accepted, in Oregon (explicit).

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### ***Lithospermum ruderales* Douglas ex Lehm.**

Common names: western stoneseed, Columbia puccoon, western gromwell

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:412, accepted, in Oregon (explicit); FPN - 394, accepted, in Oregon (implied); FPN2 - 430, accepted, in Oregon (implied); GWM - 294, accepted, in Oregon (explicit); IL - 3:548, accepted, in Oregon (explicit); IN - 4:290, accepted, in Oregon (implied); JPM - 382, accepted, in Oregon (implied); JPM2 - 478, accepted, in Oregon (implied); PEK - 669, accepted, in Oregon (explicit); VP - 4:218, accepted, in Oregon (implied).

Synonyms:

***Lithospermum lanceolatum* Rydb.**

FOO - 2:412, synonym for *Lithospermum ruderales*.

***Lithospermum pilosum* Nutt.**

FOO - 2:412, synonym for *Lithospermum ruderales*.

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## **Literature cited for *Lithospermum***

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

Cecchi, L. and F. Selvi. 2009. Phylogenetic relationships of the monotypic genera *Halacsya* and *Paramoltkia* and the origins of serpentine adaptation in circum-mediterranean *Lithospermeae* (Boraginaceae): insights from ITS and matK DNA sequences. *Taxon* 58:70

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## **Lycopsis**

Checklist contributor:

Flora contributor: Richard Halse

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### ***Lycopsis arvensis* L.**

Common names: small bugloss, annual bugloss

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2015.

FOO - 2:413, accepted, in Oregon (explicit).

Synonyms:

***Anchusa arvensis* (L.) M. Bieb.**

FOO - 2:413, synonym for *Lycopsis arvensis*; JPM - 369, accepted, given distribution: n SNF, c SCo, SnGb; widespread US; native to Eur; VP - 4:184, accepted, in Oregon (implied).

***Lycopsis arvensis* L. ssp. *arvensis***

FPN2 - 431, accepted, in Oregon (implied), our subsp. *Arvensis*.

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## **Mertensia**

Checklist contributor: Richard Halse, 12/1/2001

Flora contributor: Mare Nazaire

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### ***Mertensia bella* Piper**

Common names: Oregon bluebells, Oregon lungwort

Origin: native

Voucher: OSU, most recently collected in 2003.

FOO - 2:414, accepted, in Oregon (explicit); FPN - 394, accepted, in Oregon (explicit); FPN2 - 431, accepted, in Oregon (explicit); IL - 3:544, accepted, in Oregon (explicit); JPM - 382, accepted, in Oregon (explicit); JPM2 - 479, accepted, in Oregon (explicit); PEK - 667, accepted, in Oregon (explicit); VP - 4:222, accepted, in Oregon (explicit).

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### ***Mertensia brachycalyx* Piper**

Common names: short-sepal bluebells

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:415, accepted, in Oregon (explicit); FPN2 - 433, accepted, in Oregon (explicit); ; IL - 3:545, synonym for *Mertensia paniculata* var. *borealis*, in Oregon (explicit); VP - 4:225, synonym for *Mertensia paniculata* var. *borealis*, in Oregon (explicit).

Synonyms:

***Mertensia paniculata* (Aiton) G. Don**

in part

***Mertensia paniculata* (Aiton) G. Don var. *borealis* (J.F. Macbr.) L.O. Williams**

in part

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### ***Mertensia ciliata* (James ex Torr.) G. Don**

FPN - 394, accepted, in Oregon (explicit); GWM - 296, accepted, in Oregon (explicit); IN - 4:214, accepted, in Oregon (explicit); JPM - 382, accepted, in Oregon (explicit); VP - 4:223, accepted, in Oregon (explicit).

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### ***Mertensia ciliata* (James ex Torr.) G. Don var. *ciliata***

Common names: tall fringed bluebells, streamside bluebells, mountain bluebells

Origin: native

Voucher: OSU, most recently collected in 2015.

FOO - 2:415, synonym for *Mertensia ciliata* var. *ciliata*; FPN - 394, accepted, in Oregon (explicit); FPN2 - 433, accepted, in Oregon (explicit); ; IL - 3:545, (subtaxon implied), accepted, in Oregon (explicit); PEK - 667, (subtaxon implied), accepted, in Oregon (explicit); VP - 4:223, accepted, in Oregon (explicit).

Synonyms:

***Mertensia ciliata* (James ex Torr.) G. Don var. *stomatechoides* (Kellogg) Jeps.**

FOO - 2:415, synonym for *Mertensia ciliata* var. *ciliata*; IL - 3:545, accepted, in Oregon (explicit); JPM2 - 479, accepted, not in Oregon; PEK - 667, accepted, in Oregon (explicit); VP - 4:223, accepted, not in Oregon.

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### ***Mertensia cusickii* Piper**

Common names: Cusick's bluebells

Origin: native

Voucher: OSU, most recently collected in 2004.

FOO - 2:416, accepted, in Oregon (explicit); FPN - 395, synonym for *Mertensia viridis*, in Oregon (explicit); FPN2 - 432, accepted, in Oregon (explicit); ; IN - 4:216, accepted, in Oregon (explicit); JPM - 382, accepted, in Oregon (explicit); JPM2 - 479, accepted, in Oregon (explicit); VP - 4:229, synonym for *Mertensia viridis*, in Oregon (explicit).

Misapplied names:

***Mertensia viridis* A. Nelson**

FPN - 395, accepted, in Oregon (explicit); IN - 4:216, accepted, not in Oregon; VP - 4:227, accepted, in Oregon (explicit).

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### ***Mertensia foliosa* A. Nelson**

Common names: oblongleaf bluebells, sagebrush bluebells

Origin: native

Voucher: OSU, most recently collected in 2015.

FOO - 2:416, accepted, in Oregon (explicit); FPN2 - 432, accepted, in Oregon (implied), .

Synonyms:

***Mertensia oblongifolia* (Nutt.) G. Don**

in part

FOO - 2:416, synonym for *Mertensia foliosa*.

Misapplied names:

***Mertensia oblongifolia* (Nutt.) G. Don var. *amoena* (A. Nelson) L.O. Williams**

IL - 3:546, accepted, in Oregon (explicit); JPM - 383, accepted, in Oregon (implied); JPM2 - 479, accepted, in Oregon (implied); PEK - 668, accepted, in Oregon (explicit).

***Mertensia oblongifolia* (Nutt.) G. Don var. *nevadensis* (A. Nelson) L.O. Williams**

misapplied, illegitimate name

IL - 3:546, accepted, in Oregon (implied); JPM - 383, accepted, in Oregon (explicit); JPM2 - 479, accepted, in Oregon (explicit); PEK - 668, accepted, in Oregon (explicit).

***Mertensia oblongifolia* (Nutt.) G. Don var. *oblongifolia***

IL - 3:546, (subtaxon implied), accepted, in Oregon (explicit); JPM - 383, accepted, in Oregon (implied); JPM2 - 479, accepted, in Oregon (implied); PEK - 668, (subtaxon implied), accepted, in Oregon (explicit).

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### ***Mertensia longiflora* Greene**

Common names: long-flowered bluebells, long-flowered lungwort, small bluebells, trumpet bluebells

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:417, accepted, in Oregon (explicit); FPN - 395, accepted, in Oregon (implied); FPN2 - 432, accepted, in Oregon (implied), ; GWM - 296, accepted, in Oregon (explicit); IL - 3:546, accepted, in Oregon (explicit); JPM - 383, accepted, in Oregon (implied); JPM2 - 479, accepted, in Oregon (implied); PEK - 668, accepted, in Oregon (explicit); VP - 4:223, accepted, in Oregon (explicit).

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### ***Mertensia paniculata* (Aiton) G. Don var. *borealis* (J.F. Macbr.) L.O. Williams**

sensu stricto

Common names: northern bluebells

Origin: native

Voucher: OSU, most recently collected in 2011.

FOO - 2:417, 415, accepted, in Oregon (explicit); PEK - 667, accepted, in Oregon (explicit).

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### ***Mertensia paniculata* (Aiton) G. Don var. *paniculata***

Common names: northern bluebells, tall bluebells, tall lungwort

Origin: native

Voucher: OSU, most recently collected in 1996.

FOO - 2:417, accepted, in Oregon (explicit); FPN - 394, accepted, not in Oregon; FPN2 - 432, accepted, in Oregon (explicit), ; IL - 3:545, (subtaxon implied), accepted, not in Oregon.

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### ***Mertensia subcordata* Greene**

Common names: broadleaf bluebells

Origin: native

Voucher: OSU, most recently collected in 2007.

FOO - 2:418, accepted, in Oregon (explicit); IL - 3:545, synonym for *Mertensia platyphylla* var. *subcordata*, in Oregon (explicit); PEK - 667, synonym for *Mertensia platyphylla* var. *subcordata*, in Oregon (explicit); VP - 4:227, synonym for *Mertensia platyphylla*, in Oregon.

Synonyms:

***Mertensia platyphylla* A. Heller**

FOO - 2:418, synonym for *Mertensia subcordata*; FPN - 395, accepted, in Oregon (explicit); FPN2 - 432, accepted, in Oregon (explicit), ; VP - 4:227, accepted, in Oregon (explicit).

***Mertensia platyphylla* A. Heller var. *subcordata* (Greene) L.O. Williams**

FOO - 2:418, synonym for *Mertensia subcordata*; IL - 3:545, accepted, in Oregon (implied); PEK - 667, accepted, in Oregon (explicit); VP - 4:227, accepted, in Oregon (explicit).

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### ***Mertensia umbratilis* Greenm.**

Common names: shade bluebells, shade lungwort

Origin: native

Voucher: OSU, most recently collected in 2013.

FOO - 2:418, accepted, in Oregon (explicit); FPN2 - 432, accepted, in Oregon (explicit), ; IL - 3:546, accepted, in Oregon (explicit); PEK - 667, accepted, in Oregon (explicit).

Misapplied names:

***Mertensia oblongifolia* (Nutt.) G. Don**

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### **Literature cited for *Mertensia***

(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.

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## **Myosotis**

Checklist contributor: Richard Halse, 7/1/1998

Flora contributor: Christian Feuillet

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### ***Myosotis arvensis* (L.) Hill**

Common names: field forget-me-not

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2016.

FOO - 2:419, accepted, in Oregon (explicit); FPN - 396, accepted, no geog. info. given, ...[more or less] weedy sp...; FPN2 - 433, accepted, in Oregon (explicit), ; IL - 3:542, accepted, in Oregon (explicit); VP - 4:229, accepted, in Oregon (implied).

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### ***Myosotis discolor* Pers.**

Common names: changing forget-me-not, yellow and blue forget-me-not

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2012.

FOO - 2:419, accepted, in Oregon (explicit); FPN - 396, accepted, no geog. info. given, ...[more or less] weedy sp...; FPN2 - 433, accepted, in Oregon (implied), ; IN - 4:222, accepted, in Oregon (implied); JPM - 383, accepted, given distribution: CA-FP (esp NCoR, SN); to e N.Am; native to Eur; JPM2 - 479, accepted, not in Oregon; VP - 4:230, accepted, in Oregon (implied).

Synonyms:

***Myosotis versicolor* (Pers.) J.E. Sm.**

FOO - 2:419, synonym for *Myosotis discolor*; IL - 3:544, accepted, in Oregon (explicit); PEK - 666, accepted, in Oregon (explicit).

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### ***Myosotis latifolia* Poir.**

Common names: African forget-me-not, broad-leaf forget-me-not

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2017.

FOO - 2:420, accepted, in Oregon (explicit); FPN2 - 433, accepted, in Oregon (explicit), ; JPM - 383, accepted, not in Oregon; JPM2 - 479, accepted, not in Oregon.

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### ***Myosotis laxa* Lehm.**

Common names: small-flowered forget-me-not, tufted forget-me-not

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:420, accepted, in Oregon (explicit); FPN - 395, accepted, in Oregon (implied); FPN2 - 433, accepted, given distribution: circumboreal, in our area from e base of Cas to coast, ; IL - 3:542, accepted, in Oregon (implied); IN - 4:221, accepted, in Oregon (implied); JPM - 383, accepted, in Oregon (implied); JPM2 - 480, accepted, in Oregon (implied); PEK - 666, accepted, in Oregon (explicit); VP - 4:230, accepted, in Oregon (implied).

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### ***Myosotis micrantha* Pall.**

Common names: blue forget-me-not, mouse ear

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FOO - 2:420, accepted, in Oregon (explicit); FPN - 396, accepted, no geog. info. given, ...[more or less] weedy sp...; FPN2 - 433, accepted, in Oregon (implied), ; GWM - 296, accepted, in Oregon (explicit); IL - 3:543, accepted, in Oregon (explicit); IN - 4:222, accepted, in Oregon (implied); JPM - 383, accepted, in Oregon (implied); JPM2 - 480, accepted, in Oregon (implied); VP - 4:230, accepted, in Oregon (implied).

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### ***Myosotis ramosissima* Rochel**

Common names: early forget-me-not

Origin: exotic, not naturalized

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### ***Myosotis scorpioides* L.**

Common names: common forget-me-not, water scorpion grass

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FOO - 2:420, accepted, in Oregon (explicit); FPN - 395, accepted, given distribution: ...occ intro in our range...; FPN2 - 433, accepted, given distribution: occ in our area; common, ; IL - 3:542, accepted, in Oregon (explicit); IN - 4:221, accepted, in Oregon (implied); JPM - 383, accepted, given distribution: NW, SN (esp Plumas Co.); native to Eur; JPM2 - 480, accepted, in Oregon (explicit); VP - 4:231, accepted, in Oregon (implied).

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### ***Myosotis sylvatica* Ehrh. ex Hoffm.**

Common names: garden forget-me-not

Origin: exotic, not naturalized

Voucher: OSU, most recently collected in 2018.

FOO - 2:419, uncertain; FPN - 395, accepted, not in Oregon; FPN2 - 433, accepted, in Oregon (explicit), ; IL - 3:542, accepted, not in Oregon; Kartesz & Meacham, 2007 - accepted, not in Oregon, in CA, WA and many other states.; KZ - 2:507, accepted; VP - 4:231, accepted, not in Oregon.

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### ***Myosotis verna* Nutt.**

Common names: spring forget-me-not

Origin: native

Voucher: OSU, most recently collected in 1989.

FOO - 2:420, accepted, in Oregon (explicit); FPN - 396, accepted, in Oregon (explicit); FPN2 - 433, accepted, in Oregon (implied), ; JPM - 383, accepted, in Oregon (implied); JPM2 - 480, accepted, in Oregon (implied); VP - 4:233, accepted, in Oregon (explicit).

Misapplied names:

***Myosotis macrosperma* Engelm.**

PEK - 666, accepted, in Oregon (explicit).

***Myosotis virginica* (L.) Britton, Sterns & Poggenb.**

FPN - 396, synonym for *Myosotis verna*, in Oregon (explicit), "an illegitimate, prob misapplied name"; IL - 3:542, accepted, in Oregon (explicit); JPM - 383, synonym for *Myosotis verna*.

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## **Literature cited for *Myosotis***

(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.

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## **Oreocarya**

Checklist contributor:

Flora contributor: Christian Feuillet

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### ***Oreocarya glomerata* (Pursh) Greene**

Common names: buttecandle, cockscomb oreocarya

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:421, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha celosioides* (Eastw.) Payson**

FOO - 2:421, synonym for *Oreocarya glomerata*; FPN - 388, accepted, in Oregon (explicit); FPN2 - 424, accepted, in Oregon (implied), ; GWM - 291, accepted, in Oregon (explicit); IN - 4:242, accepted, in Oregon (explicit); JPM2 - 459, accepted, in Oregon (implied); PEK - 653, accepted, in Oregon (explicit); VP - 4:189, accepted, in Oregon (explicit).

***Cryptantha sheldonii* (Brand) Payson**

FOO - 2:421, synonym for *Oreocarya glomerata*; FPN - 388, synonym for *Cryptantha celosioides*, in Oregon (explicit); PEK - 653, accepted, in Oregon (explicit).

***Oreocarya celosioides* Eastw.**

FOO - 2:421, synonym for *Oreocarya glomerata*; IL - 3:603, accepted, in Oregon (explicit).

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***Oreocarya humilis* (A. Gray) Greene**

Common names: low oreocarya

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:421, accepted, in Oregon (explicit); IL - 3:602, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha alpicola* Cronquist**

***Cryptantha humilis* (A. Gray) Payson**

FOO - 2:421, synonym for *Oreocarya humilis*; FPN2 - 424, accepted, in Oregon (explicit), ; IN - 4:246, accepted, in Oregon (explicit); JPM - 374, accepted, not in Oregon; JPM2 - 463, accepted, in Oregon (explicit); PEK - 652, accepted, in Oregon (explicit).

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***Oreocarya interrupta* Greene**

Common names: bristly oreocarya

Origin: native

Voucher: OSU, most recently collected in 2000.

FOO - 2:422, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha interrupta* (Greene) Payson**

FOO - 2:422, synonym for *Oreocarya interrupta*; FPN - 388, accepted, in Oregon (explicit); FPN2 - 425, synonym for *Cryptantha spiculifera*, given distribution: , in parenthesis in *C. spiculifera* desc.; IN - 4:244, accepted, not in Oregon; VP - 4:191, accepted, in Oregon (explicit).

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***Oreocarya propria* A. Nelson & J.F. Macbr.**

Common names: Malheur oreocarya, Idaho oreocarya

Origin: native

Voucher: OSU, most recently collected in 2012.

FOO - 2:422, accepted, in Oregon (explicit); IL - 3:602, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha propria* (A. Nelson & J.F. Macbr.) Payson**

FOO - 2:422, synonym for *Oreocarya propria*; FPN - 388, accepted, in Oregon (explicit); FPN2 - 424, accepted, in Oregon (explicit), ; IN - 4:244, accepted, in Oregon (explicit); PEK - 654, accepted, in Oregon (explicit); VP - 4:194, accepted, in Oregon (explicit); Walker, 2000 - .

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***Oreocarya schoolcraftii* (Tiehm) R.B. Kelley**

Common names: Schoolcraft's oreocarya

Origin: native

Voucher: OSU, most recently collected in 2004.

FOO - 2:422, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha schoolcraftii* Tiehm**

FOO - 2:422, synonym for *Oreocarya schoolcraftii*; JPM2 - 466, accepted, in Oregon (explicit).

***Cryptantha sobolifera* Payson**

in part

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***Oreocarya sobolifera* (Payson) R.B. Kelley**

Common names: Waterton Lakes oreocarya

Origin: native

Voucher: CIC, most recently collected in 1992.

FOO - 2:423, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha sobolifera* Payson**

in part

FOO - 2:423, synonym for *Oreocarya sobolifera*.

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### ***Oreocarya spiculifera* Piper**

Common names: Snake River cryptantha, bristly oreocarya

Origin: native

Voucher: OSU, most recently collected in 2012.

FOO - 2:423, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha spiculifera* (Piper) Payson**

FOO - 2:423, synonym for *Oreocarya spiculifera*; FPN - 388, synonym for *Cryptantha interrupta*, in Oregon (explicit);

FPN2 - 425, accepted, in Oregon (explicit); ; IN - 4:244, accepted, in Oregon (explicit); PEK - 653, accepted, in Oregon

(explicit); VP - 4:193, ambiguous synonym, in Oregon (implied).

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### ***Oreocarya subretusa* (I.M. Johnst.) Abrams**

Common names: Crater Lake oreocarya

Origin: native

Voucher: OSU, most recently collected in 1995.

FOO - 2:423, accepted, in Oregon (explicit); IL - 3:599, accepted, in Oregon (explicit).

Synonyms:

***Cryptantha sobolifera* Payson**

in part

***Cryptantha subretusa* I.M. Johnst.**

FOO - 2:423, synonym for *Oreocarya subretusa*; GWM - 291, accepted, in Oregon (explicit); JPM2 - 467, accepted, in

Oregon (explicit); PEK - 653, accepted, in Oregon (explicit).

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## **Pectocarya**

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: C. Guilliams

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### ***Pectocarya penicillata* (Hook. & Arn.) A. DC.**

Common names: northern pectocarya, sleeping combseed, winged pectocarya

Origin: native

Voucher: OSU, most recently collected in 1993.

FOO - 2:424, accepted, in Oregon (explicit); FPN - 396, synonym for *Pectocarya linearis*, given distribution: GB and Sonoran sp., n to s BC and c Ida; FPN2 - 434, accepted, in Oregon (implied); ; IL - 3:536, accepted, in Oregon (implied); IN - 4:286, accepted, in Oregon (explicit);

JPM - 384, accepted, in Oregon (implied); JPM2 - 485, accepted, in Oregon (implied); PEK - 649, accepted, in Oregon (explicit).

Synonyms:

***Pectocarya linearis* (Ruíz & Pav.) DC. var. *penicillata* (Hook. & Arn.) M.E. Jones**

FOO - 2:424, synonym for *Pectocarya penicillata*; FPN - 396, accepted, given distribution: GB and Sonoran sp., n to s

BC and c Ida; IL - 3:536, synonym for *Pectocarya penicillata*, in Oregon (implied); VP - 4:235, accepted, in Oregon

(implied).

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### ***Pectocarya setosa* A. Gray**

Common names: round-nut pectocarya, stiff-stemmed comb-bur, moth combseed

Origin: native

Voucher: OSU, most recently collected in 2005.

FOO - 2:424, accepted, in Oregon (explicit); FPN - 396, accepted, given distribution: ...GB and Sonoran sp., n rarely to Yakima Co, Wn...;

FPN2 - 434, accepted, in Oregon (explicit); ; IL - 3:537, accepted, in Oregon (implied); IN - 4:286, accepted, in Oregon (explicit); JPM -

384, accepted, in Oregon (implied); JPM2 - 485, accepted, in Oregon (implied); PEK - 649, accepted, in Oregon (explicit); VP - 4:236,

accepted, in Oregon (implied).

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## **Pentaglottis**

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: Richard Halse

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### ***Pentaglottis sempervirens* (L.) Tausch ex L.H. Bailey**

Common names: green alkanet, evergreen bugloss

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2018.

FOO - 2:425, accepted, in Oregon (explicit); FPN2 - 434, accepted, in Oregon (explicit), .

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# Plagiobothrys

Checklist contributor: Kenton Chambers, 1/28/2006

Flora contributor: C. Guilliams

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## ***Plagiobothrys austinae* (Greene) I.M. Johnst.**

Common names: Austin's popcornflower

Origin: native

Voucher: OSU, most recently collected in 1991.

FOO - 2:428, accepted, in Oregon (explicit); IL - 3:562, synonym for *Allocarya Austinae*, not in Oregon; JPM2 - 504, accepted, in Oregon (explicit); Kartesz & Gandhi, 1991 - 2:597, accepted.

Synonyms:

***Plagiobothrys austinae* (Greene) I.M. Johnst.**

orthographic variant

JPM - 388, accepted, not in Oregon.

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## ***Plagiobothrys bracteatus* (Howell) I.M. Johnst.**

Common names: bracted popcornflower

Origin: native

Voucher: OSU, most recently collected in 2000.

FOO - 2:428, accepted, in Oregon (explicit); FPN2 - 435, accepted, in Oregon (explicit); ; IL - 3:570, synonym for *Allocarya bracteata*, in Oregon; JPM - 388, accepted, in Oregon (explicit); JPM2 - 504, accepted, in Oregon (explicit); PEK - 662, accepted, in Oregon (explicit).

Synonyms:

***Allocarya bracteata* Howell**

FOO - 2:428, synonym for *Plagiobothrys bracteatus*; IL - 3:570, accepted, in Oregon (explicit); Johnston, 1923B - 68:57-80, accepted; Johnston, 1932 - 3:5-82, accepted; Piper, 1920 - 22:79-113, accepted.

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## ***Plagiobothrys cognatus* (Greene) I.M. Johnst.**

Common names: cognate popcornflower

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:428, accepted, in Oregon (explicit); FPN - 397, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon (implied); FPN2 - 435, accepted, in Oregon (implied); ; IL - 3:567, synonym for *Allocarya cognata*, in Oregon; IN - 4:274, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon; JPM - 388, accepted, in Oregon (implied); JPM2 - 505, accepted, in Oregon (implied); PEK - 662, accepted, in Oregon (explicit); VP - 4:241, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon.

Synonyms:

***Allocarya cognata* Greene**

FOO - 2:428, synonym for *Plagiobothrys cognatus*; FPN - 397, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon (implied); IL - 3:567, accepted, in Oregon (explicit); VP - 4:241, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon.

***Plagiobothrys hispidulus* (Greene) I.M. Johnst.**

in part

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***Plagiobothrys cusickii* (Greene) I.M. Johnst.**

Common names: Cusick's popcornflower

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:428, accepted, in Oregon (explicit); FPN - 397, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon (implied); FPN2 - 435, accepted, in Oregon (implied); ; GWM - 297, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon; IL - 3:567, synonym for *Allocarya cusickii*, in Oregon; IN - 4:274, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon; JPM - 388, accepted, in Oregon (implied); JPM2 - 505, accepted, in Oregon (implied); PEK - 662, accepted, in Oregon (explicit); VP - 4:241, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon.

Synonyms:

***Allocarya cusickii* Greene**

FOO - 2:428, synonym for *Plagiobothrys cusickii*; FPN - 397, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon (implied); IL - 3:567, accepted, in Oregon (implied); IN - 4:274, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon; VP - 4:241, synonym for *Plagiobothrys scouleri* var. *penicillatus*, in Oregon.

***Plagiobothrys hispidulus* (Greene) I.M. Johnst.**

in part

***Plagiobothrys scouleri* (Hook. & Arn.) I.M. Johnst.**

in part

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***Plagiobothrys figuratus* (Piper) I.M. Johnst. ex Cronquist**

FOO - 2:429, accepted, in Oregon (explicit); FPN - 397, accepted, in Oregon; FPN2 - 435, accepted, in Oregon (explicit); ; IL - 3:565, synonym for *Allocarya figurata*, in Oregon; PEK - 661, accepted, in Oregon (explicit); VP - 4:237, accepted, in Oregon (explicit).

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***Plagiobothrys figuratus* (Piper) I.M. Johnst. ex Cronquist var. *corallicarpus* (Piper) K.L. Chambers**

Common names: fragrant popcornflower

Origin: native

Voucher: OSU, most recently collected in 2009.

FOO - 2:429, accepted, in Oregon (explicit).

Synonyms:

***Allocarya hirta* Greene ssp. *corallicarpa* (Piper) Abrams**

FOO - 2:429, synonym for *Plagiobothrys figuratus* var. *corallicarpus*; IL - 3:565, accepted, in Oregon (explicit).

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***Plagiobothrys figuratus* (Piper) I.M. Johnst. ex Cronquist var. *figuratus***

Common names: fragrant popcornflower

Origin: native

Voucher: OSU, most recently collected in 2006.

FOO - 2:429, accepted, in Oregon (explicit).

Synonyms:

***Allocarya figurata* Piper**

FOO - 2:429, synonym for *Plagiobothrys figuratus* var. *figuratus*; IL - 3:565, accepted, in Oregon (explicit).

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***Plagiobothrys fulvus* (Hook. & Arn.) I.M. Johnst.**

JPM - 388, accepted, in Oregon (explicit); PEK - 659, accepted, in Oregon (explicit).

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***Plagiobothrys fulvus* (Hook. & Arn.) I.M. Johnst. var. *campestris* (Greene) I.M. Johnst.**

Common names: fulvous popcornflower

Origin: native

Voucher: OSU, most recently collected in 1993.

FOO - 2:429, accepted, in Oregon (explicit); IL - 3:574, synonym for *Plagiobothrys campestris*, in Oregon; JPM - 388, synonym for *Plagiobothrys fulvus*, in Oregon; JPM2 - 505, accepted, in Oregon (explicit); PEK - 659, accepted, in Oregon (explicit).

Synonyms:

***Plagiobothrys campestris* Greene**

FOO - 2:429, synonym for *Plagiobothrys fulvus* var. *campestris*; IL - 3:574, accepted, in Oregon (explicit).

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***Plagiobothrys glyptocarpus* (Piper) I.M. Johnst.**

IL - 3:562, synonym for *Allocarya glyptocarpa*, in Oregon; JPM - 388, accepted, in Oregon (explicit); PEK - 660, accepted, in Oregon (explicit).

***Plagiobothrys glyptocarpus* (Piper) I.M. Johnst. var. *glyptocarpus***

Common names: sculptured plagiobothrys

Origin: native

FOO - 2:429, accepted, in Oregon (explicit); JPM - 388, accepted, in Oregon (explicit); JPM2 - 505, accepted, in Oregon (explicit).

Synonyms:

***Allocarya glyptocarpa* Piper ssp. *glyptocarpa***

FOO - 2:429, synonym for *Plagiobothrys glyptocarpus* var. *glyptocarpus*; IL - 3:562, (subtaxon implied), accepted, in Oregon (explicit).

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***Plagiobothrys greenei* (A. Gray) I.M. Johnst.**

Common names: Greene's popcornflower

Origin: native

Voucher: OSU, most recently collected in 2000.

FOO - 2:429, accepted, in Oregon (explicit); IL - 3:561, synonym for *Allocarya greenei*, in Oregon; JPM - 389, accepted, in Oregon (explicit); JPM2 - 505, accepted, in Oregon (explicit); PEK - 660, accepted, in Oregon (explicit).

Synonyms:

***Allocarya greenei* (A. Gray) Greene**

FOO - 2:429, synonym for *Plagiobothrys greenei*; IL - 3:561, accepted, in Oregon (explicit).

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***Plagiobothrys hirtus* (Greene) I.M. Johnst.**

Common names: rough popcornflower, hairy popcornflower

Origin: native

Voucher: OSU, most recently collected in 1990.

FOO - 2:429, accepted, in Oregon (explicit); FPN2 - 434, accepted, in Oregon (implied), in genus desc.; IL - 3:565, synonym for *Allocarya hirta* ssp. *hirta*, in Oregon; PEK - 661, accepted, in Oregon (explicit).

Synonyms:

***Allocarya hirta* Greene ssp. *hirta***

FOO - 2:429, synonym for *Plagiobothrys hirtus*; IL - 3:565, (subtaxon implied), accepted, in Oregon (explicit).

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***Plagiobothrys hispidulus* (Greene) I.M. Johnst.**

sensu stricto

Common names: eastside popcornflower, harsh popcornflower

Origin: native

Voucher: OSU, most recently collected in 2014.

FOO - 2:430, 428, accepted, in Oregon (explicit).

Synonyms:

***Allocarya hispidula* Greene**

FOO - 2:430, synonym for *Plagiobothrys hispidulus*; IL - 3:570, accepted, in Oregon (explicit).

***Plagiobothrys scouleri* (Hook. & Arn.) I.M. Johnst.**

in part

***Plagiobothrys scouleri* (Hook. & Arn.) I.M. Johnst. var. *penicillatus* (Greene) Cronquist**

Burkhart et al., 1996 - ; FOO - 2:430, synonym for *Plagiobothrys hispidulus*; FPN - 397, accepted, in Oregon; GWM - 297, accepted, in Oregon (explicit); IN - 4:274, accepted, in Oregon; JPM - 388-390, ambiguous synonym, given distribution: distribution differs for accepted names, synonym for many different taxa; VP - 4:243, accepted, in Oregon (implied).

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***Plagiobothrys lamprocarpus* (Piper) I.M. Johnst.**

Common names: shinyfruit popcornflower

Origin: native

Voucher: OSU, most recently collected in 1921.

FOO - 2:430, accepted, in Oregon (explicit); PEK - 661, accepted, in Oregon (explicit).

Synonyms:

***Allocarya lamprocarpa* Piper**

FOO - 2:430, synonym for *Plagiobothrys lamprocarpus*; IL - 3:566, accepted, in Oregon (explicit).

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***Plagiobothrys leptocladus* (Greene) I.M. Johnst.**

Common names: slender-branched popcornflower, alkali popcornflower

Origin: native

Voucher: OSU, most recently collected in 2018.

FOO - 2:430, accepted, in Oregon (explicit); FPN - 397, accepted, in Oregon (explicit); FPN2 - 435, accepted, in Oregon (implied), ; IL - 3:562, synonym for *Allocarya leptoclada*, in Oregon; IN - 4:274-276, accepted, in Oregon; JPM - 389, accepted, in Oregon (implied); JPM2 - 506, accepted, in Oregon (implied); PEK - 660, accepted, in Oregon (explicit); VP - 4:240, accepted, in Oregon (explicit).

Synonyms:

***Allocarya leptoclada* Greene**

FOO - 2:430, synonym for *Plagiobothrys leptocladus*; IL - 3:562, accepted, in Oregon (explicit).

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***Plagiobothrys mollis* (A. Gray) I.M. Johnst.**

FPN - 397, accepted, in Oregon (explicit); IL - 3:559, synonym for *Allocarya mollis*, in Oregon; IN - 4:272, accepted, in Oregon; JPM - 389, accepted, in Oregon (explicit); PEK - 660, accepted, in Oregon (explicit); VP - 4:240, accepted, in Oregon (explicit).

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***Plagiobothrys mollis* (A. Gray) I.M. Johnst. var. *mollis***

Common names: soft plagiobothrys

Origin: native

Voucher: SOC, most recently collected in 1957.

FOO - 2:430, accepted, in Oregon (explicit); FPN2 - 435, accepted, in Oregon (explicit), ; JPM - 389, accepted, in Oregon (explicit); JPM2 - 506, accepted, in Oregon (explicit).

Synonyms:

***Allocarya mollis* (A. Gray) Greene var. *mollis***

FOO - 2:430, synonym for *Plagiobothrys mollis* var. *mollis*; IL - 3:559, (subtaxon implied), accepted, in Oregon (explicit).

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***Plagiobothrys nothofulvus* A. Gray**

Common names: rusty popcornflower

Origin: native

Voucher: OSU, most recently collected in 2021.

FOO - 2:430, accepted, in Oregon (explicit); FPN - 397, accepted, in Oregon (implied); FPN2 - 435, accepted, in Oregon (explicit), ; IL - 3:573, accepted, in Oregon (explicit); JPM - 389, accepted, in Oregon (implied); JPM2 - 506, accepted, in Oregon (implied); PEK - 659, accepted, in Oregon (explicit); VP - 4:240, accepted, in Oregon (explicit).

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***Plagiobothrys reticulatus* (Piper) I.M. Johnst.**

IL - 3:571, matched with *Plagiobothrys reticulatus* var. *rossianorum* (bare species), synonym for *Allocarya californica*, in Oregon (explicit); JPM - 389, accepted, in Oregon (explicit); PEK - 663, accepted, in Oregon (explicit).

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***Plagiobothrys reticulatus* (Piper) I.M. Johnst. var. *reticulatus***

Common names: netted popcornflower

Origin: native

Voucher: OSU, most recently collected in 1947.

FOO - 2:431, accepted, in Oregon (explicit); JPM - 390, accepted, not in Oregon; JPM2 - 508, accepted, in Oregon (explicit).

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***Plagiobothrys salsus* (Brandege) I.M. Johnst.**

Common names: desert popcornflower

Origin: native

Voucher: OSU, most recently collected in 1978.

FOO - 2:431, accepted, in Oregon (explicit); FPN2 - 435, accepted, in Oregon (explicit), ; IL - 3:566, synonym for *Allocarya salsa*, in Oregon; IN - 4:274, accepted, in Oregon; JPM - 390, accepted, in Oregon (explicit); JPM2 - 508, accepted, in Oregon (explicit); PEK - 661, accepted, in Oregon (explicit).

Synonyms:

***Allocarya salsa* Brandege**

FOO - 2:431, synonym for *Plagiobothrys salsus*; IL - 3:566, accepted, in Oregon (explicit).

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***Plagiobothrys scouleri* (Hook. & Arn.) I.M. Johnst.**

sensu stricto

Common names: Scouler's popcornflower

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:431, 430, accepted, in Oregon (explicit).

Synonyms:

***Allocarya granulata* Piper**

FOO - 2:431, synonym for *Plagiobothrys scouleri*; FPN - 397, synonym for *Plagiobothrys scouleri* var. *scouleri*, in Oregon (implied); IL - 3:566, accepted, in Oregon (explicit); VP - 4:241, synonym for *Plagiobothrys scouleri* var. *scouleri*, in Oregon.

***Plagiobothrys granulatus* (Piper) I.M. Johnst.**

FOO - 2:431, synonym for *Plagiobothrys scouleri*; FPN - 397, synonym for *Plagiobothrys scouleri* var. *scouleri*, in Oregon (implied); IL - 3:566, synonym for *Allocarya granulata*, in Oregon; PEK - 662, accepted, in Oregon (explicit); VP - 4:241, synonym for *Plagiobothrys scouleri* var. *scouleri*, in Oregon.

***Plagiobothrys scouleri* (Hook. & Arn.) I.M. Johnst. var. *scouleri***

FOO - 2:431, synonym for *Plagiobothrys scouleri*; FPN - 397, accepted, in Oregon (implied); VP - 4:243, accepted, in Oregon (implied).

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***Plagiobothrys shastensis* Greene**

Common names: Shasta popcornflower

Origin: native

Voucher: OSU, most recently collected in 1974.

FOO - 2:432, accepted, in Oregon (explicit); IL - 3:575, accepted, in Oregon (explicit); JPM - 390, accepted, in Oregon (explicit); JPM2 - 508, accepted, in Oregon (explicit); PEK - 659, accepted, in Oregon (explicit).

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***Plagiobothrys stipitatus* (Greene) I.M. Johnst. var. *micranthus* (Piper) I.M. Johnst.**

Common names: stalked popcornflower

Origin: native

Voucher: OSU, most recently collected in 2017.

FOO - 2:432, accepted, in Oregon (explicit); FPN2 - 435, accepted, in Oregon (explicit); ; IL - 3:563, synonym for *Allocarya stipitata* ssp. *micrantha*, in Oregon; IN - 4:274, accepted, in Oregon; JPM - 390, accepted, in Oregon (explicit); JPM2 - 508, accepted, in Oregon (explicit); PEK - 661, accepted, in Oregon (explicit).

Synonyms:

***Allocarya stipitata* Greene ssp. *micrantha* Piper**

FOO - 2:432, synonym for *Plagiobothrys stipitatus* var. *micranthus*; IL - 3:563, accepted, in Oregon (explicit).

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***Plagiobothrys stipitatus* (Greene) I.M. Johnst. var. *stipitatus***

Common names: stalked popcornflower

Origin: native

Voucher: OSU, most recently collected in 1967.

FOO - 2:432, accepted, in Oregon (explicit); JPM - 390, accepted, in Oregon (explicit); JPM2 - 508, accepted, in Oregon (explicit); PEK - 661, (subtaxon implied), accepted, in Oregon (explicit).

Synonyms:

***Allocarya stipitata* Greene ssp. *stipitata***

FOO - 2:432, synonym for *Plagiobothrys stipitatus* var. *stipitatus*; IL - 3:563, (subtaxon implied), accepted, in Oregon (explicit).

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## ***Plagiobothrys tenellus* (Nutt.) A. Gray**

Common names: Pacific popcornflower, slender popcornflower

Origin: native

Voucher: OSU, most recently collected in 2019.

FOO - 2:432, accepted, in Oregon (explicit); FPN - 397, accepted, in Oregon (implied); FPN2 - 434, accepted, in Oregon (explicit), ; IL - 3:575, accepted, in Oregon (implied); IN - 4:270, accepted, in Oregon; JPM - 390, accepted, in Oregon (implied); JPM2 - 508, accepted, in Oregon (implied); PEK - 658, accepted, in Oregon (explicit); VP - 4:243, accepted, in Oregon (implied).

Synonyms:

### ***Plagiobothrys asper* Greene**

FOO - 2:432, synonym for *Plagiobothrys tenellus*, in Oregon; IL - 3:575, synonym for *Plagiobothrys tenellus*, in Oregon; IN - 4:270, synonym for *Plagiobothrys tenellus*, in Oregon; PEK - 658, accepted, in Oregon (explicit); VP - 4:243, synonym for *Plagiobothrys tenellus*, in Oregon.

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## **Literature cited for *Plagiobothrys***

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

Johnston, I.M. 1923B. Studies in the Boraginaceae. A synopsis and redefinition of *Plagiobothrys*. Contributions from the Gray Herbarium of Harvard University 68:57-80.

Johnston, I.M. 1932. Studies in the Boraginaceae. IX. 1. The *Allocarya* section of *Plagiobothrys* in the western United States. Contributions from the Arnold Arboretum 3:5-82.

Kartesz, J.T. and K.N. Gandhi. 1991. Nomenclatural notes for the North American Flora. VI. *Phytologia* 71(1):58-65.

Piper, C.V. 1920. A study of *Allocarya*. Contributions from the United States National Herbarium 22(2):79-113.

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## **Sonnea**

Checklist contributor:

Flora contributor: C. Guilliams

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### ***Sonnea hispida* (A. Gray) Greene**

Common names: Cascade popcornflower, bristly sonnea

Origin: native

Voucher: OSU, most recently collected in 2013.

FOO - 2:433, accepted, in Oregon (explicit); FPN2 - 436, accepted, in Oregon (explicit), .

Synonyms:

### ***Plagiobothrys hispidus* A. Gray**

FOO - 2:433, synonym for *Sonnea hispida*; FPN - 397, accepted, in Oregon (explicit); IL - 3:573, accepted, in Oregon (explicit); IN - 4:271, accepted, in Oregon; JPM - 389, accepted, in Oregon (explicit); JPM2 - 506, accepted, in Oregon (explicit); PEK - 660, accepted, in Oregon (explicit); VP - 4:239, accepted, in Oregon (explicit).

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## **Symphytum**

Checklist contributor: Richard Halse, 11/1/2001

Flora contributor: Christian Feuillet

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### ***Symphytum officinale* L.**

Common names: common comfrey

Origin: exotic, naturalized

Voucher: OSU, most recently collected in 2016.

FOO - 2:433, accepted, in Oregon (explicit); FPN - 398, accepted, no geog. info. given; FPN2 - 436, accepted, in Oregon (implied), ; JPM - 392, accepted, in Oregon (implied); JPM2 - 509, accepted, in Oregon (implied); VP - 4:244, accepted, not in Oregon.

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## **Literature cited for *Symphytum***

(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.

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## Excluded names:

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### ***Allocarya californica* (Fisch. & C.A. Mey.) Greene**

IL - 3:559, accepted, in Oregon (explicit).

### ***Cryptantha leucophaea* (Douglas ex Lehm.) Payson**

FPN - 388, accepted, in Oregon (explicit); FPN2 - 424, accepted, in Oregon (explicit); PEK - 652, accepted, in Oregon (explicit); VP - 4:193, accepted, in Oregon (explicit).

Synonyms:

#### ***Oreocarya leucophaea* (Douglas ex Lehm.) Greene**

IL - 3:599, accepted, in Oregon (explicit).

### ***Cryptantha nubigena* (Greene) Payson**

FPN - 389, accepted, in Oregon (implied); FPN2 - 425, synonym for *Cryptantha sobolifera*, given distribution: , in parenthesis in *C. sobolifera* desc.; GWM - 291, accepted, in Oregon (explicit); IN - 4:242, accepted, in Oregon (implied); JPM - 376, accepted, not in Oregon; JPM2 - 465, accepted, not in Oregon; VP - 4:194, accepted, in Oregon (explicit).

### ***Symphytum asperum* Lepech.**

FPN - 398, accepted, in Oregon (implied), "escaped from cult and +- estab along roadsides etc, chiefly W Cas."; FPN2 - 436, accepted, in Oregon (implied); JPM - 392, accepted, in Oregon (implied); Kartesz & Meacham, 2007 - accepted, in Oregon, cites FPN.; KZ - 2:755, accepted; VP - 4:243, accepted, in Oregon (implied).

### ***Symphytum* × *uplandicum* Nyman**

FPN2 - 436, accepted, in Oregon (implied); JPM2 - 509, accepted, in Oregon (implied).

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## Literature cited for Boraginaceae

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

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Cecchi, L. and F. Selvi. 2009. Phylogenetic relationships of the monotypic genera *Halacsya* and *Paramoltkia* and the origins of serpentine adaptation in circum-mediterranean *Lithospermeae* (Boraginaceae): insights from ITS and matK DNA sequences. *Taxon* 58:700-714.

Cohen, J. 2015. *Adelinia* and *Andersonglossum* (Boraginaceae), two new genera from New World species of *Cynoglossum*. *Systematic Botany* 40(2):611-619.

Gentry, J.L. and R.L. Carr. 1976. A revision of the genus *Hackelia* (Boraginaceae) in North America, north of Mexico. *Memoirs of the New York Botanical Garden* 26:121-227.

Hasenstab-Lehman, K.E. and M.G. Simpson. 2012. Cat's eyes and popcorn flowers: Phylogenetic systematics of the genus *Cryptantha* s.l. (Boraginaceae). *Systematic Botany* 37(3):738-757.

Johnston, I.M. 1923A. Studies in the Boraginaceae. Restoration of the Genus *Hackelia*. *Contributions from the Gray Herbarium of Harvard University* 68:43-48.

Johnston, I.M. 1923B. Studies in the Boraginaceae. A synopsis and redefinition of *Plagiobothrys*. *Contributions from the Gray Herbarium of Harvard University* 68:57-80.

Johnston, I.M. 1932. Studies in the Boraginaceae. IX. 1. The *Allocarya* section of *Plagiobothrys* in the western United States. *Contributions from the Arnold Arboretum* 3:5-82.

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.

Kartesz, J.T. and K.N. Gandhi. 1991. Nomenclatural notes for the North American Flora. VI. *Phytologia* 71(1):58-65.

Piper, C.V. 1920. A study of *Allocarya*. *Contributions from the United States National Herbarium* 22(2):79-113.

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### 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