

Checklist of Oregon Viscaceae

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Arceuthobium

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Arceuthobium abietinum (Engelm.) Engelm. ex Munz

FPN2 - 320, accepted, in Oregon (implied); ; IL - 1:530, accepted, in Oregon (implied); IN - 3a:254, accepted, in Oregon (explicit); JPM - 1094, accepted, in Oregon (explicit); PEK - 259, accepted, in Oregon (explicit).

Synonyms:

Arceuthobium campylopodum Engelm.

in part

Arceuthobium campylopodum Engelm. f. *abietinum* (Engelm.) L.S. Gill

FPN - 77, accepted, in Oregon (implied), on *Abies* sp..

Arceuthobium abietinum (Engelm.) Engelm. ex Munz ssp. *grandae* Kenaley

Common names: white fir dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 2013.

Synonyms:

Arceuthobium abietinum (Engelm.) Engelm. ex Munz ssp. *abietinum*

Arceuthobium abietinum (Engelm.) Engelm. ex Munz f. sp. *concoloris* Hawksw. & Wiens

Arceuthobium campylopodum Engelm.

in part

Arceuthobium abietinum (Engelm.) Engelm. ex Munz ssp. *wiensii* Mathiasen & C. Daugherty

Common names: Wien's dwarf mistletoe, Klamath fir dwarf mistletoe, fir dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 1974.

Synonyms:

Arceuthobium campylopodum Engelm.

in part

Arceuthobium americanum Engelm.

Common names: American dwarf mistletoe, lodgepole pine dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 2018.

FN - 12:425, accepted, in Oregon (explicit); FPN - 77, accepted, in Oregon (implied); FPN2 - 319, accepted, in Oregon (implied); ; GWM - 119, accepted, in Oregon (explicit); IL - 1:529, accepted, in Oregon (explicit); IN - 3a:252, accepted, in Oregon (explicit); JPM - 1094, accepted, in Oregon (implied); JPM2 - 1276, accepted, in Oregon (implied); PEK - 259, accepted, in Oregon (explicit); VP - 2:96, accepted, in Oregon (implied).

Arceuthobium campylopodum Engelm.

sensu stricto

Common names: western dwarf mistletoe, yellow leafless mistletoe

Origin: native

Voucher: OSU, most recently collected in 1997.

Synonyms:

Arceuthobium campylopodum Engelm. f. *campylopodum*

FPN - 77, accepted, in Oregon (implied), on *P. contorta* and *P. ponderosa*; VP - 2:97, accepted, no geog. info. given.

Arceuthobium campylopodum Engelm. f. *microcarpum* (Engelm.) L.S. Gill

FPN - 77, accepted, in Oregon (implied), on *Picea engelmannii*.

***Arceuthobium cyanocarpum* (A. Nelson ex Rydb.) J.M. Coult. & A. Nelson**

Common names: limber pine dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 1987.

FPN2 - 320, accepted, in Oregon (explicit); IL - 1:531, accepted, not in Oregon; IN - 3a:254, accepted, in Oregon (explicit); JPM - 1096, accepted, in Oregon (explicit).

Synonyms:

***Arceuthobium campylopodum* Engelm.**

in part

***Arceuthobium campylopodum* Engelm. f. *cyanocarpum* (A. Nelson ex Rydb.) L.S. Gill**

FN - 12:431, matched with *Arceuthobium campylopodum* ssp. *Cyanocarpum* (minor spelling difference), accepted, in Oregon (explicit); FPN - 77, accepted, in Oregon (explicit), on *P. flexilis*, but also on *P. albicaulis* in our area; VP - 2:97, accepted, in Oregon (explicit).

***Arceuthobium douglasii* Engelm.**

Common names: Douglas-fir dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 2018.

FN - 12:426, accepted, in Oregon (explicit); FPN - 77, accepted, in Oregon (implied); FPN2 - 320, accepted, in Oregon (implied); GWM - 120, accepted, in Oregon (explicit); IL - 1:531, accepted, in Oregon (implied); IN - 3a:253, accepted, in Oregon (implied); JPM - 1096, accepted, in Oregon (implied); JPM2 - 1276, accepted, in Oregon (implied); PEK - 259, accepted, in Oregon (explicit); VP - 2:97, accepted, in Oregon (implied).

***Arceuthobium laricis* (Piper) H. St. John**

Common names: larch dwarf mistletoe, western larch dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 2018.

FPN2 - 320, accepted, in Oregon (explicit); GWM - 120, accepted, in Oregon (explicit); IL - 1:530, matched with *Razoumofskyia laricis* (minor spelling difference), accepted, in Oregon (explicit); PEK - 259, accepted, in Oregon (explicit).

Synonyms:

***Arceuthobium campylopodum* Engelm.**

in part

***Arceuthobium campylopodum* Engelm. f. *laricis* (Piper) L.S. Gill**

FN - 12:432, matched with *Arceuthobium campylopodum* ssp. *Laricis* (minor spelling difference), accepted, in Oregon (explicit); FPN - 77, accepted, in Oregon (implied), on *Larix* sp.; VP - 2:97, accepted, no geog. info. given.

***Arceuthobium monticola* Hawksw., Wiens & Nickrent**

Common names: western white pine dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 1918.

JPM - 1096, accepted, in Oregon (explicit).

Synonyms:

***Arceuthobium campylopodum* Engelm.**

in part

***Arceuthobium siskiyouense* Hawksw., Wiens & Nickrent**

Common names: knobcone pine dwarf mistletoe, Siskiyou dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 1998.

JPM - 1096, accepted, in Oregon (explicit).

Synonyms:

***Arceuthobium campylopodum* Engelm.**

in part

***Arceuthobium campylopodum* Engelm. ssp. *siskiyouense* (Hawksw., Wiens & Nickrent)**

Nickrent

FN - 12:433, accepted, in Oregon (explicit).

***Arceuthobium tsugense* (Rosend.) G.N. Jones**

IL - 1:531, accepted, not in Oregon; JPM - 1096, accepted, in Oregon (implied); Meyers, 2010A - .

Synonyms:

***Arceuthobium campylopodum* Engelm.**

in part

***Arceuthobium tsugense* (Rosend.) G.N. Jones ssp. *amabilae* Mathiasen & C.M. Daugherty**

Common names: Pacific silver fir dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 2004.

FPN2 - 320, accepted, in Oregon (explicit), .

Synonyms:

***Arceuthobium campylopodum* Engelm.**

in part

***Arceuthobium tsugense* (Rosend.) G.N. Jones ssp. *mertensianae* Hawksw. & Nickrent**

Common names: mountain hemlock dwarf mistletoe, western dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 2001.

FPN2 - 320, accepted, in Oregon (explicit), ; JPM - 1096, accepted, in Oregon (implied).

Synonyms:

***Arceuthobium campylopodum* Engelm.**

in part

Arceuthobium tsugense* (Rosend.) G.N. Jones ssp. *tsugense

Common names: western hemlock dwarf mistletoe

Origin: native

Voucher: OSU, most recently collected in 1989.

FPN2 - 320, accepted, in Oregon (explicit); JPM - 1096, accepted, in Oregon (implied).

Synonyms:

***Arceuthobium campylopodum* Engelm.**

in part

***Arceuthobium campylopodum* Engelm. f. *tsugensis* (Rosend.) L.S. Gill**

FN - 12:433, matched with *Arceuthobium campylopodum* ssp. *tsugensis* (minor spelling difference), accepted, in Oregon (explicit); FPN - 77, accepted, in Oregon (implied); VP - 2:97, accepted, no geog. info. given.

Literature cited for *Arceuthobium*

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

Mathiasen, R.L. and C.M. Daugherty. 2009. *Arceuthobium abietinum* subspecies *wiensii*, a new subspecies of fir dwarf mistletoe (Viscaceae) from northern California and southern Oregon. *Madroño* 56(2):118-126.

Phoradendron

Checklist contributor: Richard Halse, 3/24/2009

Flora contributor: Robert Mathiasen

***Phoradendron densum* Trel.**

Common names: dense mistletoe

Origin: native

Voucher: OSU, most recently collected in 2016.

FPN - 77, synonym for *Phoradendron bolleanum* var. *densum*, in Oregon (explicit); FPN2 - 321, accepted, given distribution: is a parasite of *Juniperus occidentalis* to the s of our area, in genus desc; IL - 1:533, accepted, in Oregon (explicit); JPM - 1096, accepted, in Oregon (explicit); PEK - 258, accepted, in Oregon (explicit).

Synonyms:

***Phoradendron bolleanum* (Seem.) Eichler var. *densum* (Torr. ex Trel.) Fosberg**

FPN - 77, accepted, in Oregon (explicit); VP - 2:98, accepted.

Misapplied names:

***Phoradendron bolleanum* (Seem.) Eichler**

FN - 12:436, accepted, in Oregon (explicit); FPN - 77, accepted, in Oregon (explicit); IN - 3a:250, accepted, in Oregon (explicit); JPM2 - 1276, accepted, in Oregon (explicit); VP - 2:98, accepted, in Oregon (explicit).

***Phoradendron juniperinum* A. Gray**

FN - 12:435, accepted, in Oregon (explicit); FPN - 77, accepted, in Oregon (explicit); FPN2 - 321, accepted, in Oregon (explicit), ; IN - 3a:250, accepted, in Oregon (explicit); JPM - 1096, accepted, in Oregon (explicit); JPM2 - 1276, accepted, in Oregon (explicit); VP - 2:98, accepted, in Oregon (explicit).

Phoradendron juniperinum* A. Gray ssp. *juniperinum

Common names: juniper mistletoe, constricted mistletoe

Origin: native

Voucher: OSU, most recently collected in 2013.

Synonyms:

***Phoradendron juniperinum* A. Gray var. *ligatum* (Trel.) Fosberg**

FPN - 77, accepted, in Oregon (explicit).

***Phoradendron ligatum* Trel.**

FPN - 77, synonym for *Phoradendron juniperinum*, in Oregon (explicit); IL - 1:532, accepted, in Oregon (explicit); PEK - 258, accepted, in Oregon (explicit).

***Phoradendron juniperinum* A. Gray ssp. *libocedri* (Engelm.) Wiens**

Common names: incense cedar mistletoe

Origin: native

Voucher: OSU, most recently collected in 2017.

IL - 1:532, matched with Ph. jun. var. *libocedri* Engelm. (subtaxon form), synonym for *Phoradendron libocedri*, in Oregon (explicit).

Synonyms:

***Phoradendron libocedri* (Engelm.) Howell**

FPN - 77, synonym for *Phoradendron juniperinum*, in Oregon (explicit); FPN2 - 321, accepted, in Oregon (explicit), ; IL - 1:532, accepted, in Oregon (explicit); JPM - 1097, accepted, in Oregon (explicit); PEK - 258, accepted, in Oregon (explicit).

***Phoradendron villosum* (Nutt.) Nutt.**

Common names: oak mistletoe, Pacific mistletoe

Origin: native

Voucher: OSU, most recently collected in 2011.

FN - 12:438, accepted, in Oregon (explicit); FPN - 77, synonym for *Phoradendron flavescens* var. *villosum*, in Oregon (explicit); FPN2 - 321, accepted, in Oregon (explicit); IL - 1:534, accepted, in Oregon (explicit); JPM - 1097, accepted, in Oregon (explicit); Oregon Flora Project, 2008A - ; PEK - 258, accepted, in Oregon (explicit).

Synonyms:

***Phoradendron flavescens* (Pursh) Nutt. var. *villosum* (Nutt.) Engelm.**

FPN - 77, accepted, in Oregon (explicit); VP - 2:98, accepted.

Phoradendron villosum* (Nutt.) Nutt. ssp. *villosum

FN - 12:438, accepted, in Oregon (explicit).

Misapplied names:

***Phoradendron leucarpum* (Raf.) Reveal & M.C. Johnst.**

FN - 12:437, accepted, in Oregon (explicit).

***Phoradendron leucarpum* (Raf.) Reveal & M.C. Johnst. ssp. *tomentosum* (DC.) J.R. Abbott & R.L. Thompson**

Abbott & Thompson, 2011 - .

***Phoradendron serotinum* (Raf.) M.C. Johnst. ssp. *tomentosum* (DC.) Kuijt**

JPM2 - 1276, accepted, in Oregon (explicit).

Literature cited for *Phoradendron*

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

Abbott, J.R. and R.L. Thompson. 2011. New combinations in *Phoradendron leucarpum* (Viscaceae) The Botanical Research Institute of Texas 5(1):139-141.

Excluded names:

Arceuthobium campylopodum Engelm. f. blumeri (A. Nelson) L.S. Gill

FPN - 77, accepted, in Oregon (implied), on *P. monticola*; VP - 2:97, accepted, no geog. info. given.

Literature cited for Viscaceae

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

Abbott, J.R. and R.L. Thompson. 2011. New combinations in *Phoradendron leucarpum* (Viscaceae) The Botanical Research Institute of Texas 5(1):139-141.

Hawksworth, F.G. and D. Wiens. 1993. Viscaceae. In: The Jepson Manual: Higher plants of California. Hickman, J.C., Ed. University of California Press, Berkeley, CA.

Hawksworth, F.G. and D. Wiens. 1996. Dwarf Mistletoes: Biology, pathology, and systematics. USDA Forest Service, Agriculture Handbook 709. USDA Forest Service, Washington, DC.

Hawksworth, F.G., D. Wiens, and D.L. Nickrent. 1992. New western North American taxa of *Arceuthobium* (Viscaceae). Novon 2:204-211.

Kuijt, J. 2003. Monograph of *Phoradendron* (Viscaceae). Systematic Botany Monographs 46:1-643.

Kuijt, J. 2012. Viscaceae. In: The Jepson Manual: Vascular Plants of California, Second Edition. Baldwin, B.G., D.H. Goldman, D.J. Keil, R. Patterson, and T.J. Rosatti, Eds. University of California Press, Berkeley, CA.

Mathiasen, R.L. 2009. Comparative susceptibility of conifers to knobcone pine dwarf mistletoe. Western North American Naturalist 69:42-48.

Mathiasen, R.L. 2011A. Morphological comparisons of white fir and red fir dwarf mistletoes in the Sierra Nevada and southern Cascade Mountains. Madroño 58:101-105.

Mathiasen, R.L. 2011B. Susceptibility of conifers to three dwarf mistletoes in the Klamath-Siskiyou Mountains. Western Journal of Applied Forestry 26:13-18.

Mathiasen, R.L. and C.M. Daugherty. 2005. Susceptibility of conifers to western hemlock dwarf mistletoe in the Cascade Range of Washington and Oregon. Western Journal of Applied Forestry 20:94-100.

Mathiasen, R.L. and C.M. Daugherty. 2007. *Arceuthobium tsugense* subsp. *amabilae*, a new subspecies of hemlock dwarf mistletoe (Viscaceae) from Oregon. Novon 17:222-227.

Mathiasen, R.L. and C.M. Daugherty. 2009. *Arceuthobium abietinum* subspecies *wiensii*, a new subspecies of fir dwarf mistletoe (Viscaceae) from northern California and southern Oregon. Madroño 56(2):118-126.

Mathiasen, R.L. and C.M. Daugherty. 2009A. Additional morphological measurements of *Arceuthobium siskiyouense* and *A. monticola* (Viscaceae). Journal of the Botanical Research Institute of Texas 3:741-749.

Mathiasen, R.L. and C.M. Daugherty. 2009C. First report of mountain hemlock dwarf mistletoe (*Arceuthobium tsugense* subsp. *mertensianae*) on sugar pine (*Pinus lambertiana*) from Oregon. Plant Disease 93:321.

Mathiasen, R.L. and C.M. Daugherty. 2010. Susceptibility of Brewer spruce (*Picea breweriana*) to dwarf mistletoes (*Arceuthobium* spp., Viscaceae). Northwest Science 84:295-301.

Mathiasen, R.L., D.L. Nickrent, D.C. Shaw, and D.M. Watson. 2008. Mistletoes: Pathology, systematics, ecology, and management. Plant Disease 92:988-1006.

Nickrent, D.L. 2012. Justification for subspecies in *Arceuthobium campylopodum* (Viscaceae). Phytoneuron 51:1-11.

Wiens, D. 1964. Revision of the acataphyllous species of *Phoradendron*. Brittonia 16:11-54.

Wiens, D. and F.G. Hawksworth. 2002. New species of *Phoradendron* (Viscaceae) from Mexico and Guatemala and a synopsis of species in section *Pauciflorae*. Aliso 21:33-43.

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