

8. *Agoseris laciniata* (Nutt.) Greene, Pittonia 2: 178. 1891.*Stylopappus laciniatus* Nutt. Trans. Am. Phil. Soc. 7: 432. 1841.*Macrorhynchus laciniatus* Torr. & Gr. Fl. 2: 492. 1843.

TYPE LOCALITY: "Plains of the Wahlamet, near its estuary," Oregon. Collected by Nuttall.

RANGE: British Columbia to California west of the Cascade Mountains.

SPECIMENS EXAMINED: Seattle, *Piper*, July, 1891; Nisqually Valley, *Allen* 225; *Wilkes Expedition*; Puget Sound, *Cooper*; Nason Creek, *Sandberg & Leiberg* 612.

ZONAL DISTRIBUTION: Humid Transition.

9. *Agoseris grandiflora* (Nutt.) Greene, Pittonia 2: 178. 1891.*Stylopappus grandiflorus* Nutt. Trans. Am. Phil. Soc. 7: 432. 1841.*Macrorhynchus grandiflorus* Torr. & Gr. Fl. 2: 492. 1843.*Troximon grandiflorum* A. Gray, Proc. Am. Acad. 9: 216. 1874.*Troximon grandiflorum obtusifolium* Suksdorf, Deutsch. Bot. Monatss. 18: 98. 1900.

TYPE LOCALITY: "High plains of the Wahlamet," Oregon. Collected by Nuttall.

RANGE: Washington and Idaho to California.

SPECIMENS EXAMINED: West Klickitat County, *Suksdorf* 37, 2025; Pullman, *Piper* 1616; Tukanon River, *Lake & Hull*, July 1, 1892.

Exceedingly variable as to foliage, but as all forms occur together the variations do not seem worthy of naming.

ZONAL DISTRIBUTION: Humid Transition.

10. *Agoseris heterophylla* (Nutt.) Greene, Pittonia 2: 178. 1891.*Macrorhynchus heterophyllus* Nutt. Trans. Am. Phil. Soc. 7: 430. 1841.*Troximon heterophyllum* Greene, Bull. Torr. Club 10: 88. 1883.*Troximon heterophyllus kymapleura* Greene, Bull. Torr. Club 10: 88. 1883.*Agoseris heterophylla kymapleura* Greene, Pittonia 2: 179. 1891.

TYPE LOCALITY: "Plains of Oregon."

RANGE: Washington to California.

SPECIMENS EXAMINED: Spokane, *Suksdorf* 581; Pullman, *Piper* 1617, 1859, 3098.

ZONAL DISTRIBUTION: Arid Transition.

10a. *Agoseris heterophylla normalis* subsp. nov.

Herbage hirsute or villous; akenes 10-striate or 10-costate.

The fact seems to have been overlooked that the name *A. heterophylla* belongs to the plant commonly called *A. heterophylla kymapleura* and that the commonest form of this remarkably variable species has never been christened.SPECIMENS EXAMINED: West Klickitat County, *Suksdorf* 1648, 2312; Ellensburg, *Piper* 2688; Falcon Valley, *Suksdorf* 580; Wenache, *Whited* 1094, in 1895; Spokane, *Kreager* 165; Hangman Creek, *Sandberg & Leiberg* 59; without locality, *Vasey* 559, 560; without locality, *Brandeggee* 928; along Tukanon River, *Lake & Hull*, July 5, 1892.

ZONAL DISTRIBUTION: Arid Transition.

10b. *Agoseris heterophylla californica* (Nutt.)*Cryptopleura californica* Nutt. Trans. Am. Phil. Soc. 7: 430. 1841.*Troximon heterophyllum cryptopleura* Greene, Bull. Torr. Club 10: 88. 1883.*Agoseris heterophylla cryptopleura* Greene, Pittonia 2: 179. 1891.*Troximon heterophyllum cryptopleuroides* Suksdorf, Deutsch. Bot. Monatss. 18: 98. 1900.

TYPE LOCALITY: "Near Santa Barbara," California.

RANGE: Washington to California.

SPECIMENS EXAMINED: West Klickitat County, *Suksdorf* 1648, 2313, 583, 582.**10c. *Agoseris heterophylla glabrata* (Suksdorf).***Troximon heterophyllum glabratum* Suksdorf, Deutsch. Bot. Monatss. 18: 98. 1900.*Agoseris heterophylla glabra* Howell, Fl. N. W. Am. 402. 1901.