

Gray, Fl. N. Am. 2: 490 [Syn. Fl. 1<sup>2</sup>: 437; Man. R. M. 221].  
In meadows and on hillsides, at an altitude of 1500–2000 m.

MONTANA: Spanish Basin, 1896, *Flodman* 940; Black Hawk, 941; Lima, 1895, *Rydberg*, 2863; Jack Creek, July 14, 1897, *Rydberg & Bessey*, 5282; Spanish Basin, June 26, 5281; Belt Mts., 1883, *Scribner*, 127; Jocko River, 1883, *Canby*, 213.

\* *Agoseris pumila* (Nutt.); *Troximon pumilum* Nutt. Trans. Am. Phil. Soc. (II.) 7: 434.

Like the preceding, but much lower; scape seldom exceeding 1 dm. high; leaves short and rather fleshy. It grows on the mountains, at an altitude of 2500 m. or more.

MONTANA: Little Belt Mts., 1896, *Flodman*, 938 and 939; Bridger Mountains, July 14, 1897, *Rydberg & Bessey*, 5280a; Cedar Mountain, July 16, 5285; Bozeman, 1883, *Scribner*, 128.

*Agoseris Leontodon*; *Troximon glaucum laciniatum* Gray, Bot. Cal. 1: 437 [Syn. Fl. 1<sup>2</sup>: 437; Man. R. M. 221]; not *T. laciniatum* Gray, Proc. Am. Acad. 19: 72.

Near to *A. glauca*, and resembles a depauperate form of it, but is more tufted, and has nearly always ascending instead of erect stems, the upper part of which, as well as the involucre, are more or less pubescent. The outer bracts separate it from *A. pumila*, in which they are ovate, while they are lanceolate in this species. The leaves are nearly always more or less lacinate.

The species is rather common at an altitude of 2000 m., and extends from Montana to California and Arizona.

MONTANA: Bridger Mountains, June 14, 1897, *Rydberg & Bessey*, 5280.

\* *Agoseris Leontodon aspera*.

Like the species, but cinereous-pubescent throughout.

On Pringle's specimens in the Columbia Herbarium is written: "*Macrorhyncus asper* Greene", but it is not in Professor Greene's handwriting, and I cannot find any description of that species.

IDAHO: Mt. Chauvet, July 29, 1897, *Rydberg & Bessey*, 5286 (type).

MONTANA: Indian Creek, July 22, *Rydberg & Bessey*, 5287.

CALIFORNIA: Sierra Nevada, above Summit Valley, 1882, C. G. Pringle.