

cioribus; acheniis apice parum contractis; pappo sat molli uniformi. — Washington Territory, on Mount Paddo (formerly called Mount Adams), *Suksdorf*. Oregon on Mount Hood or in the mountains near it, *L. F. Henderson*.

**TROXIMON GRACILENS.** *Macrorhynchus*, inter perennes, *T. aurantiaco* proximum; floribus etiam aurantiacis; foliis sæpissime integerrimis flaccidis; scapo ultrapedali; pappo nulli; rostro tenuissimo (lin. 4–5-longo) achenio fusiformi-lineari paullo longiore. — Cascade Mountains of Oregon and Washington Terr., *Lyall, Nevius, Suksdorf*. Rocky Mountains in N. Wyoming, *Dr. Forwood*.

Var. ? **GREENEI.** Humilius; foliis linearibus lineari-lobatis. — Scott Mountains in Siskiyou Co., N. California, in dry open ground at 7,000 feet, *Greene*.

The beak of the akene affords very good characters in this difficult genus. I adopt the subjoined arrangement for the North American species. \*

\* **TROXIMON**, Nutt.; Benth. & Hook.

§ 1. **EUTROXIMON.** Beak of the more or less linear akene either none or short and thickish, and traversed by the nerves of the body.

\* No beak, the short contracted summit of the akene similar in texture to the body: involucrel bracts tapering above into a slender acumination: pappus rigidulous.

**T. CUSPIDATUM**, Pursh, the earliest name published with a character. *T. marginatum*, Nutt.; not a bad name, for the tomentum commonly persists on the margins of the leaf.

**T. ALPESTRE**, Gray. Vide supra.

\* \* A firm and thickish lightly nerved beak, decidedly shorter than the body of the akene: involucrel bracts not attenuate-acuminate.

**T. GLAUCUM**, Nutt., Pursh. A widespread and polymorphous species; of which the following are leading varieties: — Var. **PARVIFLORUM**, *T. parviflorum*, Nutt. Var. **LACINIATUM**, with forms on the one hand differing from *T. parviflorum* only in the lacinate-pinnatifid leaves, but in the Sierra Nevada with stouter and cinereous-pubescent forms, some approaching the next. Var. **DASYCEPHALUM**, to the synonyms of which in Flora N. America should probably be added *T. pumilum*, Nutt., as well as *T. taraxicifolium*. At least there are dwarf as well as large and robust forms.

§ 2. **MACRORHYNCHUS.** Akenes with a slender and nerveless (commonly filiform) beak.

\* Perennials; the akene with acute or pointed beak-bearing apex.

+ Beak little or no longer than the cylindraceous or narrowly fusiform akene.

+ Flowers orange or reddish.

**T. AURANTIACUM**, Hook. *T. roseum*, Nutt., imperfectly known, seems to be