

SOUTH DAKOTA: Black Hills, near Fort Meade, *Forwood* 145, May 6, 1887; Black Hills, Hot Springs, *Rydberg* 728, June 15, 1892; Alkali Creek, *V. Bailey* 18, June 3, 1894.

NEBRASKA: "Plains of the Platte," *Nuttall* (type of *Nuttall's Peucedanum villosum*).

KANSAS: Onaga, *Crevecoeur*, June 5, 1893.

TEXAS: Eagle Pass, *Howard*.

24. *Lomatium vaginatum* C. & R., sp. nov.

Short, caulescent, from an elongated more or less thickened root, 3 to 4 dm. high, often spreading from the base, somewhat scabrous throughout; leaves rather broad, ternate then once to twice pinnate, ultimate segments short and obtuse, often more or less confluent; petioles a large inflated purple sheath; umbels somewhat unequal, 5 to 12-rayed, with a single involucrel bract, and involucrels of numerous linear elongated acuminate bractlets; rays 2 to 6 cm. long; pedicels 4 to 7 mm. long; flowers pale yellow; fruit broadly oblong, somewhat scabrous, 8 to 10 mm. long, with wings nearly as broad as body; oil tubes large, 2 or 3 in the intervals.

Type locality, Logan Valley, Union County, Oreg.; collected by *W. C. Cusick*, no. 1697; type in U. S. Nat. Herb.

Eastern Oregon.

*Specimens examined:*

OREGON: Type specimens as cited under type locality; near Grizzly Butte, Crook County, altitude 1,425 meters, *Leiberg* 234, June 14, 1894; Malheur Divide, *Leiberg* 2160, May 30, 1896; near Beulah, Malheur County, *Leiberg* 2293, June 17, 1896.

CALIFORNIA: Yreka, Siskiyou County, *Greene* 788, May 15, 1876.

Mr. Cusick has distributed this species as *Peucedanum donnellii*, but the fruit wings are broader than in that species.

25. *Lomatium marginatum* (Benth.) C. & R.

*Peucedanum marginatum* Benth. Pl. Hartw. 312. 1849.

Tall (at least 3 dm. high) and somewhat caulescent, glabrous; leaves large, much compounded into long linear segments; fruiting rays few, much elongated, 5 cm. long; pedicels slender, 10 to 12 mm. long; involucrel bracts linear, elongated, acuminate, somewhat scarious margined; fruit immature, elliptical oblong, glabrous.

Type locality, "in valle Sacramento;" collected by *Hartweg*, no. 1752, duplicate in Herb. Gray.

Central California.

*Specimens examined:*

CALIFORNIA: Type specimens as cited under type locality.

Brewer's no. 4536 (1865), from the banks of the American River, California, must be very near this species. The only striking difference is the much smaller bractlets.

In the Botany of California *Peucedanum marginatum* is referred to *P. caruifolium*, where it has ever since remained. A careful comparison of the Douglas plant, which is the type of the former, and the Hartweg plant, which is the type of the latter, convinces us that the two are very distinct. *P. marginatum* is a much stronger plant, with very different bractlets, longer pedicels, and doubtless larger fruit, etc. No