

*occidentalis* geographically; its nearest ally being var. *Eisenii*, which, however, is of dry wooded hills, on the western slope of the Sierra only.

RANUNCULUS OCCIDENTALIS, var. HOWELLII. Resembling the var. *Eisenii* in appearance, but the leaf-divisions more repeatedly and deeply cleft, and all the lower leaves canescent with a long appressed silky pubescence: achenes rather small, tipped with a slenderly subulate merely somewhat curved or almost straight elongated style.

Dry hills near Ashland, Oregon, 1889; collected by Mr. Howell, who, familiar with genuine *R. occidentalis*, could not refer his plant to that species, but distributed it as being, in his opinion, probably *R. canus*. In character of achene it is very unlike *R. occidentalis* or any of its subspecies.

RANUNCULUS OCCIDENTALIS, var. BREVISTYLUS. Leaves thinnish and flacid, the whole plant appearing glabrous, only obscurely pubescent under a lens: petals oblong-obovate: achenes tipped with an extremely short recurved style.

Shores of Yes Bay, Alaska, 1895, Mr. Howell. Petals broader than in other varieties or subspecies of *R. occidentalis*; but from its foliage, and general aspect, the plant can not be referred elsewhere; though it may eventually prove to be a distinct species.

RANUNCULUS POPULAGO, Greene, Eryth. iii. 19, has a synonym in *R. Cusickii*, Jones, Proc. Calif. Acad. n. ser. v. 615. Cusick's number 1161 is also my type of the species.

DELPHINIUM COGNATUM. Stems erect, simple, sparingly leafy, 2 feet high from a fascicle of elongated and slender almost fleshy-fibrous roots; herbage pale and glaucescent, the lower face of the cuneately parted leaves, and also the petioles, floral bracts, spur of the calyx and even the follicles more or less pilose-pubescent: raceme elongated and rather