

## \*SCORZONELLA.

Capitulum many-flowered. Involucrum ovate, imbricate, the sepals acuminate, the outer, or those of all the series ovate, the margins membranaceous. Receptacle naked, alveolate. Achenium not rostrate, quadrangular, strongly and obtusely ten-ribbed. Pappus paleaceous, five to ten parted, united at base into a rigid cup, the segments short ovate, terminating in very long, slender awns. Style exerted, slender, filiform, the branches of the stigma rather short.—Perennial herbs of Oregon, with fusiform, tuberous roots, and sheathing, slenderly pinnatifid, smooth leaves; pedicels very long, naked and scapoid. Flowers yellow, the liguli longer than the involucrum, the apex five-toothed. (The name alludes to the general aspect of *Scorzonera*.) Allied, though somewhat remotely, to *Calais*, from which they differ wholly in habit and duration, having large, conspicuous flowers, like those of *Scorzonera*; the achenium is also truncate and strongly angular.

*Scorzonella laciniata*; leaves deeply pinnatifid, with entire, narrow segments; sepals all broad ovate, acuminate, in about three series; segments of the pappus ovate, the awn scarcely scabrous. *Hymenonema? laciniatum*, Hook. Flor. Bor. Am., Vol. I., p. 301.

HAB. On the plains of the Oregon, near the outlet of the Wahlamet. Twelve to sixteen inches high; the pedicel often eight inches to a foot long, a little enlarged beneath the involucrum. Stem bearing one to three or more flowers. Segments of the leaves often as slender as threads, and very long. Florets very numerous, nearly as much so as in the common Dandelion, of a bright sulphur yellow; sepals very much acuminate. Achenium light brown, a little scabrous towards the summit. Root tap-shaped, nearly like that of Salsafy.

*Scorzonella \*leptosepala*; leaves, as in the preceding, slenderly divided; involucrum with the sepals in two series, the outer about five-leaved, ovate; the inner eight-leaved, lanceolate, acuminate; segments of the pappus oblong-lanceolate, with scabrous awns; achenium wholly smooth.

HAB. With the above, and scarcely distinguishable from it, except by the involucrum.

*Scorzonella glauca*. *Hymenonema? glaucum*, Hook. Flor. Bor. Am., Vol. I., p. 300. With this plant I am unacquainted.