

*glaucum*, Hook. Fl. Bor. Am. *Scorzonella glauca*, Nutt. — At Mark West's Creek, 1864; also Cloverdale, Sonoma Co., and Eel River, &c. Mendocino Co., in moist meadows, 1866-7, Bolander. The size of most of these specimens and the breadth of the leaves made it doubtful if they belong to the species indicated by Sir Wm. Hooker; but a comparison made by Prof. Oliver with the solitary specimen preserved in the Hookerian herbarium (the leaves of which are not "canaliculate" but only longitudinally folded) assures me that they do. The leaves in the California plant are from 4 to 12 inches long, and from 1 to 2½ wide, the midrib strong and broad. In specimens from Klamath Co., Oregon, Dr. Kronkrite, they are narrower, approaching to "linear-acuminate," and the head scarcely larger than in *S. laciniata*. In Bolander's, the larger heads are an inch in diameter; the achenia fully 2 lines, and the pappus nearly half an inch in length. The Californian forms in general, being remarkably stout and tall, and so broadly-leaved, may be distinguished as var. PROCERA.

CALAIS BOLANDERI: subscaposa e radice tuberoso-fusiforimi; caulibus basi parce ramosis scapisve gracilibus 1-2-pedalibus; foliis linearilanceolatis elongatis integerrimis imisve subdentatis nunc laciniatis; capitulis parvulis ante anthesin nutantibus; involucri squamis gradatim imbricatis e lanceolata vel ovato-lanceolata attenuato-acuminatis; acheniis breviter linearibus (vix basi haud apice angustatis) glabris vel exterioribus puberulis; pappi sordescantis paleis 8-9 brevibus ovato-oblongis ex apice obtuso vel eroso-bidentato in aristam scabram achenio duplo longiorem productis. — Swamps at Fort Bragg, Mendocino Co., Bolander. — Leaves 8-14 inches long (including the tapering base or petiole), or those on the lower part of the stem 3-6 inches long, 3 to 6 lines broad, more commonly entire; some denticulate or coarsely toothed, or, in one specimen, lacinate-pinnatifid. Involucre scarcely over half an inch in length. Achenia rather slender, barely 2 lines long, about thrice the length of the somewhat rigid paleæ of the pappus. The species is interesting from being, as it were, intermediate between *Eucalais* and *Scorzonella*.\*

HIERACIUM BOLANDERI: *H. venoso* affine; foliis omnibus radicalibus sessilibus spathulato-oblongis vel oblanceolatis vix denticulatis infra glaberrimis glaucescentibus (nunc purpureis) supra marginibusque pilis

\* HYPOCHÆRIS GLABRA, Linn., occurs in collections made by Dr. Kellogg and Dr. Gibbons in the vicinity of San Francisco, perhaps recently introduced from Europe.