

CALAIS ERIOCARPHA: *C. cyclocarpæ* et *Bigelovii* similis; foliis *Taraxaci*; acheniis paullo gracilioribus acute costatis; pappi paleis (quandoque 3-4) ovalibus integerrimis extus lanatis arista sesquibrevioribus. — Nipoma, on low hills. The woolly paleæ of the pappus present a striking feature.

CALAIS APHANTOCARPHA: *C. Bigelovii* similis; acheniis paullo gracilioribus; pappi paleis 5 minimis deltoideis subito in aristam tenuem scabram achenio longior productis. — Bushy Knob, southeast of Monte Diablo. Leaves and scapes (one to two feet high) and the whole aspect not unlike *Leontodon autumnale*. Achenia of *Eucalais*, the outermost villous. Pappus of *Scorzonella*, the paleæ being reduced to a mere basal dilatation of the slender awn, but only five in number.

STEPHANOMERIA LACTUCINA: caule subsimplici e radice perenni tenuiter puberulo ad apicem usque æqualiter folioso oligocephalo; foliis lanceolatis seu linearibus parce spinuloso-dentatis vel integerrimis; capitulis subcorymbosis; involucri (semipollicaris) squamis lanceolatis subimbricatis; floribus circiter 10. — Dry hill near Big-tree Road in the Sierra Nevada, alt. 6,000 feet. A somewhat anomalous and large-flowered species of this genus, with the aspect rather of a reduced form of *Mulgedium pulchellum*. Stem not much branched. Leaves from  $1\frac{1}{2}$  to  $2\frac{1}{2}$  inches long, sessile, not clasping. Scales of the involucre somewhat broadly lanceolate, the outer ones of various lengths, and thus gradually passing into the inner ones, making the involucre somewhat imbricated. "Flowers delicate rose-color." Mature achenia not seen; but the ovaries wholly as in *Stephanomeria*. Pappus bright white, 4 or 5 lines long.

STEPHANOMERIA? CICHORACEA: tomento tenui mox evanido glabrata; caule rigido elato, ramis virgatis superne nudis racemoso-oligo-polycephalis; foliis caulinis lanceolatis coriaceis rariter pinnatifido-dentatis vel denticulatis, dentibus spinescentibus; involucre circiter 12-floro e squamis plurimis lanceolatis gradatim imbricatis (exterioribus subsquarrosis) constante; receptaculo favoso; ligulis brevibus ut videtur roseis; acheniis lævibus; pappo sordido rigidulo breviter plumoso. — In the collection of Dr. Van Horn, from Fort Tejon, comm. to Professor Brewer. A plant of wholly doubtful genus, with the habit of *Cichorium Intybus*, but more leafy up the stems or branches; the leaves from 2 to 6 inches long, rigid, the larger ones furnished,