

fleshy herbage, strongly saline and hard to dry, and its longer, less canescent akenes.

Senecio Cedrosensis.

Shrubby, about a foot high, much branched above; branchlets and foliage somewhat pubescent and glandular: leaves an inch or more long, oblong-lanceolate, deeply pinnatifid, the short lobes deeply toothed: heads in threes, or solitary at the ends of the branchlets, less than a half inch high: involucre narrow, acuminate: flowers not seen.

Rocky summits of the northern part of Cedros Island, 1885. The specimens are not in flower, but the peculiarities of habit and foliage mark strongly enough a new species. The leaves are like those of *Pedicularis Canadensis*.

Stephanomeria coronaria.

Annual or biennial, resembling *S. exigua*, but the numerous white-plumose pappus-bristles deciduous above the abruptly paleaceous base, leaving a crown of setose scales: akenes clavate, sharply 5-angled and quite smooth, with no traces of corrugation.

Santa Lucia Mountains, August, 1885, T. S. Brandegee.

Hieracium Brandegei.

Perennial, a foot or two high, paniculate from near the base: leaves spatulate-oblong to ligulate-lanceolate, entire, crinite-hirsute, and with some close, white, stellular tomentum, the latter extending to the branches and the glandular involucre: flowers yellow: akenes short-columnar: pappus nearly white.

Santa Lucia Mountains, T. S. Brandegee.

Malacothrix (Malacolepis) insularis.

Annual, glabrous, a foot or two high, corymbosely paniculate above, leafy below: leaves oblong-lanceolate in outline, laciniated-cleft to the middle, two inches long, sessile

and somewhat clasping: involucre hemispherical, less than a half inch high, scales narrower and less scarious than in *M. Coulteri*: corolla yellow: akenes obtusely 5-angled and 15-ribbed: one or two of the pappus-bristles persistent; those of the receptacle sparse and short.

Coronados Island, near San Diego, May 16, 1885. Interesting as a second species of a peculiar section of the genus, and singular in being restricted to a small island only seven miles distant from the main land, a strange limitation of an annual composite; yet perhaps not so remarkable when we consider that the pappus, all but one or two bristles, is deciduous.

Malacothrix altissima.

Glabrous; stout and strict, 3—6 feet high from an annual root: stem leafy and simple up to the broad terminal, leafless, corymbose panicle: leaves of broadly lanceolate outline, 2—3 inches long, rather loosely laciniate-cleft or coarsely toothed: involucre campanulate, a half inch high; calyculate bracts numerous, subulate: summit of immature akenes with a broad white border: none of the pappus-bristles persistent.

Mountains of Kern County, near Tehachapi Station, July, 1884, Mrs. Curran. The largest species of the genus, and of the same group as the two following which are suffrutescent, and very clearly distinct from each other, as Mr. Nuttall, the discoverer of them, could not fail to see at a glance, namely:

M. saxatilis, Torr. & Gray,

Which is a strictly maritime species; leaves not only entire, but of that succulent texture which is so common in sea-side plants, and akenes one half as long only, as in the following.

M. tenuifolia, Torr. & Gray.

Foliage finely laciniate-parted, and not at all fleshy. Confined to the mountain districts back from the sea. *M.*