

closely imbricated, the scales in 5 rows, lanceolate, acutely acuminate, smooth the lowest very small, 1-nerved and somewhat carinate : pappus fulvous.

HAB. In the sierra of Upper California. Nearly allied to *C. pumila*, but with a different involucre. Achenia smooth, 5-ribbed.

\* OXYTENIA.†

*Capitulum* heterogamous, many-flowered, the marginal ones in a single series, apetalous and feminine. Florets of the disk tubular, masculine. *Involucre* composed of a single series of imbricated, ovate, rather rigid scales, (about 5.) *Receptaculum* small and flat; its palea narrow, spatulate and membranaceous, tufted with long hairs.—MALE FLOWERS. *Corolla* obconic, with a narrow tube; border 5-toothed. *Anthers* distinct.—FEMALE. *Corolla* none. *Stigmata* terete, filiform, smooth. *Achenia* bluntly obovate, obcompressed and ridged on the inner side, covered with dense white hairs, situated beneath the scales of the involucre and without pappus.

*O. acerosa.*

A large, erect, spreading bush, with the inflorescence of an *Iva*; the leaves alternate, acerosely linear and rigid, pinnately divided into trifold or more compound divisions; capituli sessile, arranged in a compound panicle, as in many *Artemisias*. The whole plant very bitter, but with very little aroma. In habit more allied to *Artemisia* than *Iva*. Appears to be nearly related to *Euphrosyne* of Decandolle, as well as to *Pycnothamnus* and *Cyclachæna*, which last, however, is not sufficiently distinct from *Iva*.

HAB. Rocky Mountains, near Upper California. Flowering in October and November.

GNAPHALIUM.

*G. \* ramosissimum.* Stem tall and stout, very much branched, the branches fastigate; leaves and stem green but pubescent, the former linear-lanceolate, acuminate, strongly decurrent, viscidly pubescent; heads mostly pedunculate in scattered corymbs; scales of the yellowish-white involucre oblong-lanceolate, subacute, longer than the florets; achenia smooth.

HAB. Monterey. Flowering in September and October.

STEPHANOMERIA.

*S. \* elata.* Stems stout, erect, grooved and attenuated upwards; leaves almost filiformly linear, the lowest somewhat pinnatifid, the upper laciniately toothed at the embracing base; flowers in a small terminal panicle, (blue,) florets about 10; achenia cylindric-oblong, 5-grooved, somewhat rugose.

HAB. Santa Barbara, Upper California.

PTILOMERIS.

*P. \* tenella.* Pappus of 8 to 10, cuneiform, obtuse fringed scales, in the rays minute; involucre campanulate, about 8-leaved; scales ovate, somewhat obtuse; leaves mostly opposite, pinnatifid, the divisions few, narrow linear.

HAB. In the vicinity of Pueblo de Los Angeles, Upper California. Flowering in April. Very distinct from the *Hymenoxys Californica* of Hooker.

*P. \* affinis.* Similar to the preceding, excepting the pappus, which is fimbri-

† From *εξυρισμῶς* acuminate. In allusion to the rigid narrow foliage.