

at length remote: calyx 2-3^{mm} long, yellowish-setose, slightly elongating in fruit, not appressed to the rachis, strongly gibbous from the horizontal development of the solitary nutlet: corolla 4-5^{mm} long and the spreading lobes quite as broad, throat nearly closed by the prominent white processes: nutlets lanceolate, light brown, 2-5^{mm} long, rather sharply angled, recurved at the tip, minutely tessellate and with scattered papillæ; groove triangular, excavated, a little more than one third as long as the nutlet.

Stites, Colusa county, and also in adjacent Lake county, California, *T. S. Brandegee*, April 1892.

Cryptanthe costata, n. sp.—Annual, 0.5-2^{dm} high, erect, rigid, branching from the base, appressed-pubescent and pilose-hispid; the inflorescence hispid and bracteate throughout: leaves narrowly lanceolate, widest at base, 2-3^{mm} long: bracts nearly as long as the rather dense fruiting calyxes: flowers 2^{mm} long, scarcely spreading, constricted below the white processes: fruiting calyxes about 5^{mm} long, the slender costate segments erect persistent and not spreading: nutlets four, minutely and irregularly rugose, sharply thin-margined, the three smaller a little more than 1^{mm} long, the fourth larger and more persistent, the ventral face triangular-lanceolate, the groove of the same shape, open quite to the base.

Borregos springs, Colorado desert, *T. S. Brandegee*, April 18, 1895.

In appearance it is somewhat intermediate between *C. angustifolia* and *C. crassisepala*. At maturity it is of a shining straw color, and quite conspicuous on account of the glistening setæ of the large persistent calyxes.

CRYPTANTHE RAMOSISSIMA Greene. Dr. Rose, working with additional material collected by Dr. Palmer,² has corrected errors of the earlier descriptions, and noting the second nutlet often developed records his opinion that *K. ramosissima* and *K. maritima* are too nearly related. This opinion seems to be fully justified, for the only means of separating them seems to be by their habitat, the mainland forms passing usually as *Krynitzkia* or

² Proc. U. S. Nat. Mus. 11: 532.