

22 miles south of Sonoyta on road to Punta Peñasco, semistabilized dunes with *Abronia*, March 14, 1936, *Keck 4163* (G).

A desert relative of the characteristically coastal *C. Clevelandii*. It is readily distinguished by its larger nutlets, much accrescent calyx, and very slender elongate calyx-lobes. The abaxial nutlet is always developed and is usually twice the length of the gynobase. The style reaches up to only  $\frac{2}{3}$  to  $\frac{3}{5}$  the height of the nutlet.

***Cryptantha Wigginsii*, sp. nov.**

Herba annua laxe ascendenter ramosa 1–2 dm. alta; caulibus 1–2 mm. crassis, pilis 0.5–1 mm. longis saepe appressis falcatis inconspicue sparseque vestitis; foliis 1–4 cm. longis 1.8–4 mm. latis linearibus vel lineari-oblongis, pilis appressis rectis utrinque vestitis, apice obtusis; cymulis scorpioideis simplicibus bracteis foliaceis 1–2 ornatis densifloris 1–3 mm. longe pedunculatis; calycibus subsessilibus fructiferis ca. 4 mm. longis, lobis costatis infra medium ca. 0.7 mm. latis apicem obtusum versus 0.3 mm. latis, in costa pilos e basi bulboso-pustulata orientes rigidos divaricatos 1–2 mm. longos gerentibus, alibi pilos gracillimos appressos gerentibus; corolla alba, tubo ca. 2 mm. longo 1 mm. crasso lobis calycis subaequilongo, limbo 3–3.5 mm. diametro; nuculis 1–4 ca. 2.1 mm. longis 0.9 mm. latis homomorphis (nucula abaxiali subpersistente) cinereis plus minusve maculatis, basi truncatis, apice acutis, margine infra medium acutis et supra medium rotundis, dorse convexis supra medium dense verrucosis vel congeste sinuateque rugulosis subopacis et infra medium laevibus nitidis, ventre apicem versus verrucosis alibi laevibus et nitidis; sulco clauso imam ad basim abrupte furcato; gynobasi 1.3 mm. longo; stylo ca. 0.4 mm. longo ca. 0.2 mm. infra apicem nuculae attingente.

BAJA CALIFORNIA: Rancho Cuevas, 18 mi. south of Tia Juana, gentle slope along ocean, very rocky red-clay soil, April 2, 1931, *Ira L. Wiggins 5107* (TYPE, Gray Herb.).

This is probably a relative of *C. Clevelandii* Greene but is readily distinguished from that species and allies by its roughened nutlets. Below the middle the back of the nutlet is smooth lustrous and somewhat mottled. Above the middle the back is roughened by minute wart-like tuberculations or by low sinuous ridges resulting from the confluence of the warts. There are 4 ovules and all frequently mature into nutlets. The abaxial nutlet is always present. The scorpioid cymes are solitary or rarely geminate and are always leafy bracted towards the base.

***Cryptantha Clokeyi*, sp. nov.**

Herba annua 10–15 cm. alta erecta; caulibus solitariis praesertim