

$1\frac{1}{2}$  to  $2\frac{1}{2}$  in. long by  $\frac{1}{4}$  to 1 in. broad; stem-leaves alternate, narrow, few, suberect; capitula campanulate in flower, hemispherical in fruit, calyculate,  $\frac{1}{3}$  to  $\frac{3}{8}$  in. long, about 56-flowered, on rather slender pedicels ranging up to  $2\frac{1}{2}$  in. long, arranged in a wide rather lax dichotomous terminal flat-topped terminal cyme; bracts small, lanceolate or subulate; scales of the calyculus small, about 10, resembling the uppermost bracteoles; involucral scales about 20, subequal, narrowly linear-lanceolate, acute, uniseriate with sometimes an extra interior one, inserted together round the base of the receptacle,  $\frac{1}{4}$  to  $\frac{1}{3}$  in. long, rather thickened at the base, with scarious margins, reflected in fruit; flowers yellow; receptacle somewhat foveolate with the edges of the depressions toothed, without conspicuous scales, somewhat convex in fruit; corollas about  $\frac{1}{4}$  in. long, slender, glandular-hairy about the lower part; achenes narrowly oblong, somewhat angular, glabrous, ribbed, reddish-brown, minutely muriculate, a little narrowed at the base, slightly contracted towards the truncate apex,  $\frac{1}{12}$  in. long; pappus pauciseriate, slightly straw-coloured,  $\frac{1}{8}$  in. long, setose; the setæ minutely scabrid.

HUILLA.—In bushy pastures from Ferrão da Sola in the direction of Nene; fl. and fr. Jan. 1860. No. 3665. In the pastures of Lopollo amongst low bushes, ephemeral; fl. and fr. Feb. 1860. No. 3666.

### 3. *C. cichoriodes* Hiern, sp. n.

An erect, hispidulous, robust herb, 2 to 4 ft. high, with the habit of a *Cichorium*; root rather thick, apparently biennial or perennial; stem solitary, simple up to the inflorescence, straight, sulcate-striate, pallid and leafy at the base and on the lower part, dichotomously branched and leafless at the upper part; leaves alternate, mostly lyrate-pinnatifid, oblong or obovate-oblong, rounded and apiculate at the apex, narrowed towards the clasping often petiole-like base, thinly herbaceous, grey-green at least beneath, scattered with short hispidulous hairs on the midrib and veins, minutely aculeate-denticulate on the margin, 3 to 6 in. long by  $\frac{3}{4}$  to  $2\frac{1}{2}$  in. broad, the lobes obtuse, the upper leaves not lobed; capitula cylindrical, 9 or 10-flowered, homogamous, homocarpous,  $\frac{3}{4}$  in. long, on unequal pedicels ranging up to  $\frac{3}{4}$  in. long, arranged in a rather open corymbose terminal cyme about 6 in. in diameter; involucral bracts imbricate, pauciseriate, lanceolate or oblong, rather thin, obtuse, the outer ones hispidulous along the middle of the back, the inner ones about 12, thinner and longer, about  $\frac{1}{3}$  to  $\frac{2}{5}$  in. long; flowers all ligulate, the ligules whitish or slightly purplish, 5-toothed at the tip; receptacle foveolate; achenes  $\frac{1}{4}$  in. long, ellipsoidal or ovoid-oblong, reddish brown, deeply sulcate, ribbed, angular, almost alate, microscopically muriculate, narrowed at the apex into a slender beak about half as long as itself; pappus pilose,  $\frac{1}{4}$  to  $\frac{1}{3}$  in. long, very soft, copious; the setæ pauciseriate, very slender, whitish, only microscopically barbellate.

HUILLA.—In meadows between Lopollo and the lake of Iwantála, sparingly; fl. and fr. 4 Jan. 1860. No. 3653.