

* RAFINESQUIA.

Capitulum many-flowered. Involucrum subcylindric-conic, caliculate; sepals equal in length, imbricated in about two series, linear and acuminate. Receptacle naked, punctulate. Achenia subterete, subulate, scarcely striate, somewhat rugose, terminating in a long, filiform rostrum; the external series pubescent. Pappus plumose, in several series.—An annual, much-branched, tall, smooth herb of Upper California, with the aspect of a *Sonchus*. Leaves amplexicaule, runcinate-lyrate, flowers in loose corymbs; the branches microphyllus; caliculum rather short and spreading, the segments linear-subulate. Flowers small, white, externally dark purple in the centre of the liguli. Allied apparently to *Tragopogon*, but very distinct in habit.—(Dedicated to the memory of an almost insane enthusiast in natural history; sometimes an accurate observer, but whose unfortunate monomania was that of giving innumerable names to all objects of nature, and particularly to plants.)

Rafinesquia Californica.

HAB. Near the sea-coast, in the vicinity of St. Diego, Upper California. An annual growing to the height of two or three feet, and nearly erect. Stem terete, and purplish, somewhat divaricately branched, branches fastigate, tending to a corymb at the summit. Leaves more or less deeply and runcinately pinnatifid, amplexicaule, lanceolate, and acute. Floral branches with minute reflected leaves. Involucrum rather long, at first almost cylindric, but quickly enlarging at the base, so as to become conic in the manner of the Sow Thistle. Sepals twelve to fifteen, all of the same height, but in two series, with membranous margins; the caliculum squarrose and short. Florets very fugacious and small, only opening for a few hours, and but little exerted, toothed at the apex. The outer row of achenia pubescent, with short appressed hairs, all somewhat rugulose, attenuated into a rostrum about one and a half times its length, and slenderly filiform; the crown of pappus copious, and softly plumose, the rays fragile. I have had this plant in cultivation in Philadelphia, but it is now lost.

Subtribe VII. LACTUCEÆ. (Lessing., Decand.)

PYRRHOPAPPUS. (Decand.)

OBS. Achenium linear-oblong, muriculate, with five broad, appressed ribs, and internally grooved.