

*T. simplex*, caule erecto, simplici; foliis connatis, oblongo-linearibus, acutiusculis; floribus alternis, sessilibus; petalis erectis, calyce duplo longioribus.

*Description.*—Annual. *Stem* generally simple, erect and terete, (2 or 3 inches high) sometimes decumbent near the base, and sending out whitish radical fibres, tinged with red, similar to the proper root. *Leaves* connate, succulent, convex on the under side, fragile, very entire, and without visible nerves or veins (3 or 4 lines long, and about a line wide.) *Flowers* sessile, axillary, solitary, and alternate. *Calyx* four-toothed, segments alternating with the petals, two of the exterior dentures somewhat larger and obtuse. *Petals* four, ovate, erect, and persistent, never apparently expanding, whitish and membranaceous, embracing the capsules with which they

are almost exactly equal in length. *Stamina* four, fertile, alternating with the petals, a little shorter than the germs; *anthers* very small, roundish; four minute infertile filaments opposite the petals. *Styles* none. *Stigmata* four, like so many minute points. *Capsules* four, oblong, compressed, somewhat divergent at the points, six to eight seeded, opening internally and longitudinally, remaining connected at the base, so as to resemble a single capsule of four valves. *Seeds* oblong-cylindric, brownish, attached in two rows to the margins of each capsule.

*Habitat.*—On the miry and gravelly banks of the Delaware, subject to the overflowings of the tide, in New-jersey and Pennsylvania, near Kensington, in the suburbs of Philadelphia. Found also more recently near Newhaven, in Connecticut, by Dr. Ives. Time of flowering from July to September.