

said to be scarcely distinct from *Hieracium*. In this genus the leaves appear to be uniformly pinnatifid, or more or less laciniated; scapes or stems irregularly branched or subcorymbose; scales of the calix mostly embracing the marginal seeds, so as to render them obtusely carinated.

SPECIES. 1. *B. caroliniana*. *Leontodon carolinianum*. Walter. p. 192. *Scorzonera pinnatifida*. Mich. 2. p. 89. *Chondrilla lævigata*. PH. 2. p. 497. Leaves lanceolate, acute, lacinate, subpinnatifid, or nearly entire, smooth; stem erect, about 3-flowered, peduncles very long; calicle short and subulate. **HAB.** From Virginia to Florida, common; flowers bright citron yellow, and about the size of *Apargia autumnalis*. **Obs.** Root perennial. Stems scapoid, nearly solitary, 6 to 12 inches high (including the peduncles), smooth and grooved. Leaves smooth, sometimes pubescent on the margin, primary ones long, linear, and nearly entire, or irregularly dentate, succeeding and sessile cauline leaves, pinnatifidly laciniated, segments very acute. Peduncles 6 to 10 inches long, and nearly naked. Calicle small and spreading. Calix often a little pubescent, formed of a single series of ligulate leaflets, from 12 to 18 in number, grooved in the fruit, and finally reflected. Flosculi very numerous. Receptacle naked. Pappus pilose, stipitate. Seed dark grey, incurved, attenuated above; 5-ribbed, and transversely rugose, the 2 dorsal ribs much smaller than the others.

533. KRIGIA. Willdenow.

Calix many-leaved, simple. *Receptacle* naked. *Pappus* double, external membranaceous 5 or 8-leaved, interior about 5, 8, or 24 scabrous setæ.

Small annuals; scapes 1 or more flowered, rarely caulescent; leaves lyrate, runcinate, or entire, mostly glaucous; calix 8 to 12-parted, naked.

SPECIES. 1. *K. virginica*. Glaucous; primary leaves roundish, entire, the rest lyrate and nearly smooth; scape 1-flowered, smooth, at length longer than the leaves; calix smooth. **HAB.** Common in arid and sandy soils;—Often minute; flowers orange-yellow, as in the other species. *Paleæ* and setæ 5 to 8.

2. * *caroliniana*. Somewhat glaucous: leaves all runcinate, and nearly smooth; scapes very long, and in common with the base of the calix glandularly pilose. **HAB.** Near St. Mary's, West Florida.—Dr. Baldwin. Flowers orange. **Obs.** A larger species than the preceding. Apparently

the plant which Michaux properly compared with *Leontodon Taraxacum* in miniature. Leaves divided down to the mid-rib, runcinate (or with the segments retrorse and acute.) Calix 8 to 12-parted, simple. Pappus also as in the preceding. May not this be *Hyoseris caroliniana?* of Walter.

3. * *dichotoma*. Somewhat glaucous; dichotomously caulescent; leaves spathulate-linear, nearly entire, smooth, or subciliate; scapes numerous, 1-flowered, very long. *Hyoseris?* *ramosissima*. W. P. C. Barton. Flor. Philad. Prodr. p. 75. HAB. "In the sandy fields of New Jersey near to Philadelphia, also in Maryland, on the road from York to Baltimore."—Doctor W. P. C. Barton. v. s. OBS. Stem diffusely caulescent, very short; scapes or peduncles 6 to 12 inches long, sparsely pilose. Setæ and paleæ of the pappus mostly in 5's; seed inversely conic, brown, and striate; primary striæ 5, converging, intermediate striæ 10, interposed by pairs (rarely by 3's) shorter than the primary, and coalescing at their base.

4. *montana*. *Hyoseris montana*. Mich. Flor. Am.

5. *Dandelion*. Glaucous and smooth; leaves linear-lanceolate, acuminate, incisely rarely and remotely toothed; root bulbous, pendulous; scape 1-flowered. HAB. In Virginia. Flower equal in size with that of *K. amplexicaulis*, the pappus double, and almost equally numerous. *Troximon Dandelion*, Persoon. 2. p. 360. *Hyoseris angustifolia*, Mich. 2. p. 87.

6. *amplexicaulis*. *Hyoseris amplexicaulis*. Mich. *H. Prenanthoides*, Willd. Glaucous; leaves oblong-ovate, radical ones subdentate, spathulate; scape subbifoliate, simple or bifid, branches 2 or 3 flowered; flowers long pedunculate, fastigiate; pilose pappus numerous. HAB. Common throughout the eastern and western states. Flowers orange-yellow, as in the other species. Calix simple, about 12-parted, sometimes glandulously pilose at the base. Chaffy pappus external, 8-parted; pilose about 24 scabrous and deciduous setæ. Unquestionably a congener with the above.

Hitherto a North American genus and nearly allied to *Hyoseris*.

534. TROXIMON. Gærtner.

Calix oblong, conic, many-leaved, leaflets unequal, imbricated. *Receptacle* naked, puncticulate. *Pappus* sessile, pilose.

Allied to *Tragopogon*. Scapes 1-flowered, leaves nar-