

from Alabama, has oblong leaves with long teeth and only 2 flowers yellow.

957. **CRENAMON** Raf. diff. from *Sitilias* by outer perianthe unequal, pappus plumose, seeds curved compressed tessellated by longitudinal and transverse stria, *scapose, corymbose*—nearer to *Picris* than any other G. the name was that of Adanson for *Picris*, but different by perianthe really double as in last and seeds not rugose transversely alone but tessellate, besides habit scapose.

958. **CRENAMON PECTINATUM** Raf. smooth, leaves pectinate pinnatifid obtuse, very long and narrow, base attenuate entire, pinnules remote narrow obtuse, scape grooved corymbose 3-6flore, peduncles very long with subulate scales.—Apalachian Mts. Unaka, leaves 6 to 8 inches long, hardly half inch wide, pectinate like the horn of the Saw-Fish, scape pedicel, flowers yellow, perianthe acute, outer rather unequal.

959. **KRIGIA PETIOLARIS** R. stem flexuose foliose striate pauciflore, leaves all petiolate oblong or obovate minute dentate laciniate, peduncles filiform, perianthes linear—in Alabama, 3 to 6 inches high, leaves only half inch or less, petiol uncial or longer, flowers small few, not rigidly erect as in *Kr. virginica*.

960. **KRIGIA INTEGRIFOLIA** R. stem erect foliose grooved uniflore, leaves glaucous entire all dissimilar, radical petiolate elliptical obtuse or obovate acute, on stem amplexicaule acute, ovate or lanceolate, perianthe lanceolate—Mts. Alleghanies, how different from last, nearer to *Kr. amplexicaulis* but smaller with entire leaves, one small flower pale yellow, not orange color. Semipedal, leaves 1 to 3 inches long, all

different in shape, yet all entire,—of this difficult G. once blended in *Hyoseris*, we have 12 or 15 sp. and many varieties, difficult to distinguish: the G. *Achyrastrum* Necker and *Cynthia* Don, appear the same; if different they must be better distinguished—as to *Aposeris* Necker with naked seeds, it differs but little from my *Laxanon* 203, of which it appears *Apogon* of Elliot is a 2d sp. his name was preoccupied for a fish. Our Hieraciums must perhaps be divided, I had formed the G. *Ophioseris* with many, but the 4 G. of Necker out of Hieracium must be verified and restored, they are *Aracium*, *Plancia*, *Willemetia*, and *Miegia* now occupied by a grass.

961. POLYGALA, this G. now forming a vast family must be divided by flowers and habit, as was suggested by many botanists. I did so long ago, proposing *Triclisperma*, *Psychanthus*, and *Muraltia* with many subgenera, that must soon become as in any Genera, I shall merely enumerate them here, reserving my labor on this family for a monograph.

1. POLYGALA stamens 8 diadelphous, corolla cristate.

2. MURALTIA Necker 1790, differs by corolla not cristate, once *Heisteria* of L. not of Jaquin, since adopted by L. type *P. senega* &c.

3. TRICLISPERMA Raf. 1814, type *P. paucifolia* &c.

4. PSYCHANTHUS Raf. 1814, type *P. myrtifolia* &c.

5. SEXILIA R. stamens 6 sessile, corolla bilabiate cristate, type *P. verticillata* and all whorled species, chiefly annuals.

6. PLOSTAXIS R. stamens 4, cor. fimbriate, fl. capitate, type *P. lutea* &c.