

- ed) Differ from *Trigonella*, *Bucrates* and *Platycarpus*. Calix large deeply cleft, pod stipitate, straight compressed, swelled and hooked at the point. *A. sericeus* R. *Lotus* do *P. Trigonella Americana* N. T. Sp. 69.
8. **JAMESIA** Raf. differs from *Psoralea*, calix not glandular, hairy, 5 subulate clefts nearly equal, stamens monadelphous, pod acuminate by style, stigma smooth. *J. obovata* Raf. *Psoralea jamesii* T. Sp. 75.
9. **ORBEXILUM** Raf. differs from *Psoralea*, calix campanulate not glandular, smooth, teeth ciliate, vexillum rounded expanded (stamens diadelphous.) *O. latifolia* Raf. Ps. do T. Sp. 76.
10. **PHYSONDRA** Raf. differ *Orobus*, *Phaca* and *Psoralea*. pod stipitate swelled membranaceous, 12 reniform seeds. 1 *Ph. longifolia*. 2. *Ph. dispar* R. *Orobus* N. T. *Psoralea* Pursh.
11. **DASIOGYNA** Raf. differs *Prosopis*. Cal. camp. 4 dent. Petals 5 subequal. Stamens 10 free declinate subequal, (hypogynous!) Pistil stipitate villose, style filiform, stigma simple. Pod linear compressed bivalve torulose, pulpy within 12 seeded. *D. glandulosa* R. *Prosopis* T. Sp. 110.
12. **OREOTRYS** Raf. Dif. *Tiarellia* by 5 stamens only, from *Heuchera* by 2 styles, cal. camp. equal, capsul coalescent at base. *O. bracteata* R. *Tiarellia* do T. J. 168.
13. **OREOXIS** Raf. Umbel. invol. o, partial 5—6 phyllous, linear. Flowers polyg. mixed. Calix 5 teeth subulate, petals 5 yellow equal acute, end incurved. Stamens and styles divaricate, pistil ovate sulcate, fruit tricostate on the back. *O. humilis* Raf. *Anonymos!* T. J. 179.
14. **PTILORIA** Raf. Dif. *Prenanthes* by pappus sessile, plumose, perianthe 5 flore 1 *Pt. pauciflora*. 2. *Pt. tenuifolia* R. *Prenanthes* do T. J.
15. **HELIOREOS** Raf. Dif. *Pectis*, Perianthe campanulate 8 phyllous, coriaceous. Rays 7 or 8 oblong en-
- tire yellow. Antheras mutic, style glandular, stigma bilobe. Seeds smooth 5 toothed. Phoranthe naked. *St. angustifolius* R. *Pectis* T. 228.
16. **BATANTHES** Raf. (mg amiable flower) Dif. *Cantua*. Calix 5 gon. 5 fid. Corolla hypocrateriform 5 lobed entire. Stamens 5 unequal incluse. Style filiform, stigma trifid. Capsule 3 locular, 3 valve polyspermous seeds angular. 1 *B. agregata* 2 *B. longiflora* 3 *B. pungens* Raf. *Cantua* Sp. Pursh and Torrey.
17. **QUINCULA** Raf. Dif. *Physalis*. Corolla campanulate 5 lobed, with 5 opaque spots. Capsules 3 celled 3 seeded. *Q. lobata* R. *Physalis* do T. 302.
18. **LEIOSTEMON** Raf. Dif. *Pentostemon*. Calix 5 leaved equal imbricate. Cor. bilabiate tubular, upper lip bilobe, lower trilobe. Stamens smooth, sterile filament smooth obtuse shrubby. *L. purpureum* R. *Pentostemon aubiguum* Torrey.
19. **OZODYCUS** Raf. (mg fetid gourd) Monoical, perigone campanul. rugose, 5 external subulate teeth. Stamens 3 monadelphous singenesous stigmas 3 bipartite. Fruit globular smooth 4 celled, partitions spongy. Seeds on double rows oval smooth, margin acute. *O. perennis* Raf. *Cucumis* T. Sp. 396.
20. **FENELONIA** Raf. Perigone 6 sepals, 3 external trinerve, 3 internal narrower enerve. Stamens 6 equal, filaments linear narrow smooth anthers oblong. Pistil oblong obtusely triangular, style clavate subtriangular, stigma capitate trilobe. Scape bracteate uniflore. 1 *F. bracteata* Raf. *Ornithogalum* do T. 443. very different Genus.

I sent an account of many of those N. G. to Decandolle in 1830. I wish Torrey had saved me the trouble by forming and naming these N. G. himself or making S. G. of them; but now I hope he will not hesitate many years to adopt them.

He has done the same with 9 doubtful sp. throughout this otherwise clever labor; he has however several new ones, but not a single N. G. Ha-