

3. O. HOLOPTERA.—*Eritrichium holoptera*, Gray l. c. xii. 81, & *Krynitzkia*, l. c. xx. 276.

* * *Flowers thyrsoïd-glomerate ; fruit pyramidal, i. e., the 4 nutlets erect.*

+ *Nutlets wing-margined.*

4. O. SETOSISSIMA.—*Eritrichium* & *Krynitzkia*, Gray ll. cc.

+ + *Nutlets acutely margined.*

+ + *Corolla-tube not elongated.*

5. O. VIRGATA.—*Eritrichium virgatum*, T. C. Porter, in Hayden, Geol. Rep. 1870, 479 ; *Krynitzkia virgata*, Gray l. c.

6. O. GLOMERATA.—*Cynoglossum glomeratum*, Pursh. Fl. ii. 729 : *Myosotis*, Nutt. Gen. i. 112 : *Rochelia*, Torr. Ann. Lye. N. Y. ii. 225 : *Eritrichium*, DC. Prod. x. 131 : *Krynitzkia*, Gray, Proc. Am. Acad. xx. 279, & Syn. Fl. Suppl. 429.

7. O. SERICEA.—*Krynitzkia sericea*, Gray ll. cc.

+ + + *Corolla-tube longer than the calyx.*

8. O. FULVOCANESCENS.—*Eritrichium fulvocanescens*, Gray, Proc. Am. Acad. x. 91, & Syn. Fl. 197 : *Krynitzkia*, Gray ll. cc.

9. O. LEUCOPHŒA.—*Myosotis leucophœa*, Dougl. in Hook. Fl. ii. 82 : *Eritrichium leucophœum*, A. DC. Prod. x. 129 ; Gray, Syn. Fl. 197 : *Krynitzkia*, Gray ll. cc.

EREMOCARYA.

Racemes dense, biserial, leafy-bracted ; pedicels filiform, short, and with the calyx persistent. Calyx 5-parted to the base, in fruit campanulate ; segments nerveless, not hispid-

bristly. Nutlets neither margined nor carinate, erect, attached for their whole length, the groove open, little dilated and not furcate at base. Style enlarged in fruit and persistent.—Hirsute-canescens small annual herbs of the deserts of southern California, Arizona, etc. Leaves all in a radical rosulate tuft, the numerous racemose branches repeatedly dichotomous and conspicuously leafy-bracted. Roots imparting a deep purple stain, a property of *Plagiobothrys*, and *Piptocalyx*, but of no species of *Allocarya*, *Oreocarya* or *Krynitzkia*. A short bract at the base of each branch, the stems otherwise naked.

1. *E. MICRANTHA*. — *Eritrichium micranthum*, Torr. Bot. Mex. Bound. 141; Gray, Syn. Fl. 193, excl. var. *lepida*: *Krynitzkia micrantha*, Gray l. c. excl. var.

2. *E. LEPIDA*. — *Eritrichium micranthum*, var. *lepida*, Gray l. c., also *Krynitzkia micrantha* var. *lepida*.

PIPTOCALYX, Torr. ex.

Calyx villous-hispid, 5-cleft to the middle, the tube scarious, circumscissile about midway, its lower part, together with the very short pedicel, persistent; segments herbaceous, filiform, hispid-bristly, nerveless. Nutlets 4, not carinate, rather distinctly margined, tuberculate-roughened or smooth and shining, the ventral groove divaricately forked at base. Hispid-canescens, low, diffusely branching annuals, leafy-racemose and -glomerate throughout.—Wilkes Exped. xvii. 414. t. 12. *Krynitzkia*, sub-section *Piptocalyx*, Gray, Proc. Am. Acad. xx. 275.

1. *P. CIRCUMSCISSUS*, Torr. l. c.—*Lithospermum circumscissum*, Hook. & Arn. Bot. Beech. 370: *Eritrichium circumscissum*, Gray, Proc. Am. Acad. x. 58, Bot. Cal. i. 527, and Syn. Fl. 193: *Krynitzkia circumscissa*, Gray, Proc. Am. Acad. xx. 275 and Syn. Fl. Suppl. 428.