

1861, 492; Gray, Proc. Am. Acad. x. 59, & Syn. Fl. ii. 195. *E. heliotropioides*, Torr. Bot. Mex. Bound. 140, pro parte, excl. syn. *Amsinckia* spec., Benth. Pl. Hartw. no. 157. — Hispida, e caule sæpius erecto solute ramosa; spicis folioso-bracteatis, fructiferis laxifloris; nuculis ( $\frac{3}{4}$  lin. longis) opacis obtuse papillatis lateribus rotundatis, areola insertionis triangulari ampla excavata. — As this species extends well into Mexico, and accords with both Lehmann's and Kunth's accounts (published in the same year), the specific name under which the former found it in Willdenow's herbarium is here restored. [This identification is confirmed by Dr. Eichler, through a reference to the original specimens of Humboldt in the Berlin herbarium.]

++ ++ ++ ++ ++ ++ *Crebribracteata*, parvulæ, pube tenui: nuculæ ovato-lanceolatæ, acuminatæ (semilineam longæ), haud angulatæ, aut læves nitidulæ, aut minutim papilloso-scabræ et opacæ, sulco angustissimo inferne parum latiori tota longitudine gynobasi filiformi seu tenuiter columnari adfixæ: stylus sæpius incrassatus: sepala lato-lanceolata, fructifera lineam longa, haud setosa, costa obscura: spicæ breves, condensatæ, congestæ, bracteis foliosis flores superantibus.

K. MICRANTHA. *Eritrichium micranthum*, Torr. Bot. Mex. Bound. 141. Pube brevi griseo-hirsuta, limbo corollæ vix lineam lato.

Var. LEPIDA. *Eritrichium micranthum*, var. *lepidum*, Gray, Syn. Fl. ii. 193. Magis hispidula, limbo corollæ ad lin.  $2\frac{1}{2}$  diametro. — The two forms are confluent. The nutlets of both at full maturity are more commonly covered with minute papillæ, but sometimes they retain their smoothness.

\* \* PIPTOCALYX, i. e. calyx (5-fidus, villosa-hispida) supra basim fructum fulcrantem demum circumscissus et secedens: antheræ mucronulatæ: fructus *Eutypicarum*, nuculis ovato-acuminatis lævibus vel puncticulatis angulis lateralibus acutis sulco ventrali tenui basi divaricato-furcato tota fere longitudine gynobasi subulatæ adfixis: herba depresso-ramosissima, condensata; foliis brevibus linearibus; spicis etiam fructiferis brevibus glomeratis crebre folioso-bracteatis; corollis parvis. — *Piptocalyx*, Torr.

K. CIRCUMSCISSA. *Lithospermum circumscissum*, Hook. & Arn. Bot. Beech. 370. *Piptocalyx circumscissus*, Torr. in Wilkes Exped. xvii. 414, t. 12, B. *Eritrichium circumscissum*, Gray, Proc. Am. Acad. x. 58, Bot. Calif. i. 572, Syn. Fl. ii. 193. — Extends through the arid districts from Wyoming to Washington Territory, and south to Arizona.