

pidato-mucronatis margine hinc inde spinuliferis sessilibus, floralibus ampliatis lato-ovatis iliciformibus venulosis margine spinulis gracilibus armatis capitula sessilia pl. m. glomerata fulcrantibus paululum superantibus; corolla albida.

**HECASTOCLEIS SHOCKLEYI.**—Very arid district, at Candelaria, Esmeralda Co., Nevada, *W. S. Shockley*. A remarkable addition to the few known North American *Mutisiaceæ*, to stand near *Ainsliæa*, but altogether *sui generis* and of peculiar habit. The generic name alludes to the separate enclosure of each flower in its involucre.

**CREPIS PLEUROCARPA.** Inter *C. occidentalem* et *C. acuminatam* quasi media, pube minuta cinerea demum decidua; caulibus subaphyllis; foliis runcinato-dentatis incisive; cyma paniculiformi laxa; capitulis angustis paucifloris; acheniis oblongis sursum haud attenuatis eximie alato-10-costatis pappo paullo brevioribus.—Head-waters of the Sacramento, above Strawberry Valley, on wet slopes of the mountains, at the altitude of about 7,500 feet, 1881, *Pringle*. The short and thick akenes, with at least ten narrow and very salient ribs, almost wings, separated by broad grooves, distinguish this species.

**LOBELIA GATTINGERI.** *L. appendiculatæ* sat similis; floribus minoribus (lin. 3 longis); calycis lobis haud ciliatis attenuato-subulatis fere inappendiculatis basi utrinque callo minimo instructis, fructiferis capsula brevioribus; pedicellis quandoque bracteolatis.—Middle Tennessee, in springy places of calcareous bluffs and in cedar barrens, *Dr. Gattinger*. No. 1637 of the distribution of A. H. Curtiss, under the name of *L. leptostachys*. Flowering May and August, from a monocarpic root.

**GITHOPSIS DIFFUSA.** Demum effuse ramosissima; ramis gracilibus; foliis parvis; calycis lobis lanceolatis (basi latioribus) corollam subæquantibus ovario præsertim capsula fere lineari arcte sessili subdimidio brevioribus; seminibus turgide oblongis.—On Cucamonga Mountain, S. California, June, 1881, *S. B. & W. F. Parish*. The capsule opens apically, as in the original species.\* The blue corolla is only 2 lines in length.

**ANDROSACE ARIZONICA.** E grege *A. occidentalis*, tenella; scapis debilibus decumbentibus radiisque umbellæ paucifloræ capillaribus elongatis; foliis phyllisque involucri consimilibus brevibus; calycis lobis foliaceis, fructiferis accrescentibus ovatis radiato-patentibus tubo

\* Baillon's statement to the contrary is founded on a misapprehension, he evidently having taken a Texan *Specularia* for *Githopsis*. See Bull. Soc. Linn. Par. 304.