

*Maguire* 20984; Lone Mountain, Eureka County, Nevada, June 12, 1944, *Ripley & Barneby* 6223; Major's, White Pine County, Nevada, June 17, 1944, *Ripley & Barneby* 6311a; bare clay ridges, Needle Mountains, east of Peck Station, Lincoln County, Nevada, May 27, 1945, *Ripley & Barneby* 6417.

The var. *depressus* is distinguished from the var. *Nuttallii*, var. nov. (*H. Nuttallii* T. & G. N. Am. 2:242. 1842, as to type.) by its low densely caespitose habit, the relatively long naked peduncles extending beyond the leafy portion of the short stems, and the conspicuous long white bristles along the leaf margins.

Apparently the var. *depressus* is mostly centered in stony, sterile soils in west desert regions of central eastern Nevada and central western Utah. From Hall's description (Op. loc.) the specimens from Deep Creek [western Juab County], Utah, June 6, 1891, *Jones*, University of California, certainly are to be referred to var. *depressus*. Examination of the several collections now available fails to show stigma difference in this variety as contrasted with the character in var. *Nuttallii*. Apparently the distinction Hall found in the *Jones* collection cited above (appendages shorter than stigamtic portion, as against the appendages being longer than the stigmatic portion) is not constant for the dwarfed population.

Intergradation with var. *Nuttallii* is probably frequent. *Maguire* 20875 from Warm Point Ridge, only a few miles from the type locality, is an example, as is the collection of *Kearney & Peebles* 13632 from House Rock Canyon, Coconino County, Arizona.

#### LYGODESMIA

*Lygodesmia grandiflora* (Nutt.) Torr. & Gray, var. *stricta* Maguire, var. nov.

Caulibus gracilibus simplicibus, 1.5-3.0 dm. altis; foliis tenuis strictis.

Type locality: Frequent, on adobe clay, 1 mi. south of Price, Carbon County, Utah, June 5, 1940, *Maguire* 18417. New York Botanical Garden.

Representative specimens: Carbon County, Utah: Sage parks, West Tavaputs Plateau, 20 mi. north of Wellington, June 9, 1940, *Maguire* 19593; on rocky slopes  $\frac{1}{8}$  mi. west Royal, June 5, 1940, *Maguire* 18412, intermediate to the typical population.

The var. *stricta* is a habitat variant distinguished from the polymorphous var. *grandiflora* Maguire, var. nov. (*Erythremia grandiflora* Nutt. Trans. Am. Phil. Soc. n. s. 7:445. 1841, as to type; *Lygodesmia grandiflora* (Nutt.) T. & G. Fl. N. Am. 2:485. 1843.) altogether by the unbranched slender stems and strictly ascending narrow leaves. The population seems to be localized in Carbon County, Utah, but numerous intermediate plants are found in herbaria.