

The var. *stipularis* is of the Coast Ranges of California, Mendocino to Monterey County. Variety *otleyi* occurs on the eastern slope of the Sierra Nevada, Siskiyou to Tulare County.

**Lotus strigosus var. tomentellus** (Greene) Isely, comb. nov.

*Lotus tomentellus* Greene, Pittonia 2: 140. 1890. *Hosackia tomentella* Abrams, Ill. Fl. Pacific States 2: 543. 1944. TYPE: MEXICO. BAJA CALIFORNIA: Palmer 602. Non vidi; identification from protologue.

Greene's description is satisfactory except that the pods are said to be somewhat longer than is usually expected for this variety.

*Lotus strigosus* and *L. tomentellus* are treated as separate species by previous authors. They merge in southern California to the degree that I regard them as geographic replacements within a single species.

**Thermopsis macrophylla var. hitchcockii** Isely, var. nov.

*T. gracilis* auct.

*T. venosa* auct.

*T. gracilis* var. *venosa* auct.

Plantae robustae rhizomatosaе parce villosulae, caulibus 5–10 dm; foliola ovata 2–3-plo longiora quam latiora; stipulae distaliter abrupte reductae; racemi saepissime multiflori, axi plus quam 1.5 dm longo; ovarium pubescens; legumina erecta.

TYPE: UNITED STATES. WASHINGTON. Grays Harbor Co.: Humptulips, 10 Jul 1931, *J. W. Thompson 7342* (HOLOTYPE: WTU!).

Other representative collections: WASHINGTON. Grays Harbor Co.: New London, 29 May 1938, *Hitchcock & Martin 3515* (ISC); near Humptulips, 30 May 1940, *Thompson 14606* (NY); 20 mi S of Hoquiam, 24 Jun 1953, *Hitchcock 19872* (UC).

This seemingly isolated cismontane *Thermopsis* of east-central Washington differs from *T. macrophylla* var. *venosa* to the south in its strictly erect fruits.

**Thermopsis macrophylla var. venosa** (Eastwood) Isely, comb. nov.

*Thermopsis venosa* Eastwood, Bull. Torrey Bot. Club 32: 198. 1905. *T. gracilis* var. *venosa* Jepson, Manual Fl. Pl. Calif. 515. 1925. *T. montana* var. *venosa* Jepson, Fl. Calif. 2: 245. 1936. TYPE: UNITED STATES. CALIFORNIA: "Lewiston Trail, near summit which divides Trinity from Shasta Co.," 3 Jul 1901, *Eastwood s.n.* Non vidi; identification from protologue and Eastwood determinations.

*T. gracilis* T. Howell, Erythea 1: 109. 1883.

*T. subglabra* Henderson, Rhodora 32: 26. 1930.

*T. ovata* auct. or in herb.

*T. montana* var. *ovata* auct. or in herb.

This combination derives from my view that all cismontane Pacific *Thermopsis* and *T. macrophylla* var. *argentea* of the northern Sierra Nevada constitute elements of one species.

**Thermopsis mollis var. fraxinifolia** (Curtis) Isely, comb. nov.

*Baptisia mollis* (Michx.) Nutt. Gen. N. Amer. Pl. 281. 1818, excl. basionym. *Baptisia fraxinifolia* Nutt. ex Torr. & Gray, Fl. N. Amer. 1: 387. 1840, nom. illeg. *T. fraxinifolia* Curtis, Amer. J. Sci. 44: 81. 1843; Curtis ex A. Gray, Mem. Amer. Acad. Arts II. 3: 45. 1848. TYPE: Nuttall s.n. (PH). Non vidi. Identification: topotypes; protologue; Larisey (1940).

The history of this name, prior to legitimate publication, has provided it with several author citations and publication dates. Nuttall used the earlier Michaux epithet