

TWO NEW COMBINATIONS AND A NAME CHANGE FROM THE LONG EXPEDITION OF 1820

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ABSTRACT

A new combination is provided for a *Scutellaria* and an *Engelmannia*. A name change in *Mimulus* is explained.

Key Words: *Scutellaria*, *Engelmannia*, *Mimulus*, Long Expedition

The Long Expedition to the Rocky Mountains in 1820 included on its scientific staff Edwin James, M.D., as botanist, geologist and surgeon. In our work on the botany of this expedition, we find it necessary to make some new combinations and a name change preparatory to our extensive publication on the expedition.

Scutellaria parvula* Michx. var. *missouriensis* (Torr.) Goodm. & Laws., *comb. nov.

#338 *S. ambigua* Nutt. β *missouriensis* Torr., Ann. Lyc. Nat. Hist. N.Y. 2: 232.1827. "Council Bluff, on the Missouri." The type was collected by James.

Torrey's description of var. *missouriensis*, an overlooked, earlier epithet, fits the current concept of *Scutellaria parvula* var. *leonardi* (Epling) Fernald, Rhodora 47: 172.1945. This latter name and its basionym *S. leonardi* Epling, Amer. J. Bot. 26: 20.1939, now become synonyms of var. *missouriensis*.

Engelmannia peristenia* (Raf.) Goodm. & Laws., *comb. nov.

Silphium peristenium Raf., Atl. Jour. 1: 146.1832. "[Silphium] anon T[orrey].239."

Based on the following:

#239 *Silphium* n. sp. Nutt. mss. in Torr., Ann. Lyc. Nat. Hist. N.Y. 2: 215.1827. The type was collected by James but cannot be located at NY. Torrey described James's plant as "A singular species, with pinnatifid leaves, and the scales of the involucre very narrow. Mr. Nuttall found the same on the Red River."

Engelmannia pinnatifida Nutt., Trans. Am. Phil. Soc. ser. 2, 7: 343.1840. "The plains of Red River." This collection was made in Oklahoma by Nuttall in 1819.

Engelmannia pinnatifida T. & G. in Nutt., l.c. fide Torrey & Gray, Fl. No. Am. 2: 283.1842. "[Silphium, n.sp. (Nutt.) Torr. in ann. lyc. New York, 2. p.215. On the Canadian, Dr. James! Red River, Arkansas, Nuttall! . . ."]

Although the authorship of *Engelmannia pinnatifida* has nothing to do with our new combination, it is interesting to note that in some twenty floras and manuals of this century that include this genus, about half use Torrey and Gray, several use Nuttall, some use Gray, and one uses Gray ex Nuttall.

Following Article 57.3 of the 1988 *International Code of Botanical Nomenclature* (often referred to as the Demoulin Rule), the plant *Mimulus glabratus* HBK. var. *fremontii* (Benth.) Grant should again be called *Mimulus glabratus* HBK. var. *jamesii* (T. & G.) Gray.

The autonym var. *jamesii* was established by *Mimulus jamesii* var. *fremontii* Benth. This autonym has priority over the epithet var. *fremontii*.

The pertinent synonymy is as follows:

***Mimulus glabratus* HBK. var. *jamesii* (T. & G.) Gray, Syn. Fl. No. Am. ed. 2, 2(1): Suppl. 447.1886.**

M. jamesii T. & G. ex Benth. in DC., Prodr. 10: 371.1846. TYPE: *James* (NY).

Along the Missouri River in Pottawatomie Co., Iowa, May 27, 1820.

M. jamesii T. & G. ex Benth. var. *fremontii* Benth. in DC., Prodr. 10: 371.1846.

TYPE: *Fremont* (NY). Laramie Co., Wyoming, July 14, 1842.

M. glabratus HBK. var. *fremontii* (Benth.) Grant, Ann. Mo. Bot. Gard. 11: 190.1924.

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