

## **Hoffmannseggia humilis, the Correct Name for H. gladiata (Fabaceae)**

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## *HOFFMANNSEGGIA HUMILIS*, THE CORRECT NAME FOR *H. GLADIATA* (FABACEAE)

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**Abstract:** In order to correct an error in the recently published revision of *Hoffmannseggia* in North America, the correct nomenclature for *H. humilis* is provided.

**Keywords:** *Hoffmannseggia gladiata*, *H. humilis*, Caesalpinioideae.

In a recent revision of *Hoffmannseggia* in North America (Simpson 1999), I recognized 11 species, among them "*H. gladiata*." As can readily be seen from scanning the synonymy of that taxon in the revision, the name I used is incorrect because, assuming that the taxonomy is accurate, it violates the most basic rule of priority. The species *Hoffmannseggia gladiata* was circumscribed by Benthams in 1852. Among the entities with which I believe it to be conspecific is *H. humilis*. This later species was originally described as *Pomaria humilis* by Martens and Galiotti in 1843, nine years before Benthams described *H. gladiata*. In the synonymy provided in the revision, the names and dates are clearly shown with the correct name submerged under *H. gladiata*. I can offer no rationale for this error except that the decision to treat all the entities as one species was made late in the study and only after I was able to see a collection that represented a large population sample. Let me assure readers of *Lundellia* that the manuscript was read by three reviewers (two outside of Texas and both legume specialists) plus the editor but responsibility for the mistake rests with me. I hope that individuals will simply replace the nomenclature with that provided below. All specimens that were borrowed were correctly annotated.

3. *HOFFMANNSEGGIA HUMILIS* (Mart. & Gal.) Hemsley, Biol. cent.-amer., Bot. 1: 326. 1880.

*Pomaria humilis* Mart. & Gal., Bull. Acad. Roy. Sci. Bruxelles 10 (Ser. 1) Par 2: 303. 1843. TYPE. [MEXICO. Puebla]: calcareous mountains N of Tehuacán, 2000 m, Aug. *H. G. Galeotti* 3228 (HOLOTYPE: W, not seen, photo 32066 at TEX!; ISOTYPE K!).

*Larrea humilis* (Mart. & Gal.) Britton, N. Amer. fl. 23(5): 316. 1930.

*Hoffmannseggia gladiata* Benth. in A. Gray, Pl. wright. 1: 57. 1852. TYPE. MEXICO. [Hidalgo]: Zimapán. *T. Coulter* 487 (HOLOTYPE: K!; ISOTYPE: TCD!).

*Caesalpinia gladiata* (Benth.) Fisher, Bot. Gaz. (Crawfordsville) 18: 122. 1893.

*Larrea gladiata* (Benth.) Britton, N. Amer. fl. 23(5): 314. 1930.

*Hoffmannseggia platycarpa* Benth. in A. Gray, Pl. wright. 1: 57. 1852. TYPE. MEXICO. *T. Coulter* 486 (HOLOTYPE: K!; ISOTYPE: TCD!).

*Caesalpinia platycarpa* (Benth.) Fisher, Bot. Gaz. (Crawfordsville) 18: 22. 1893.

*Larrea platycarpa* (Benth.) Britton, N. Amer. fl. 23(5): 314. 1930.

*Larrea potosina* Britton, N. Amer. fl. 23(5): 313. 1930. TYPE: [MEXICO]. San Luis Potosí. Villar, dry, calcareous soil, 15 Aug 1890, *C. G. Pringle* 7367 (HOLOTYPE GH!).

*Larrea pueblana* Britton, N. Amer. fl. 23(5): 313. 1930. TYPE. MEXICO. Puebla. Cerro de Coatepec near Oaxaca, Aug 1908, C. A. Purpus 3220 (HOLOTYPE: NY!, ISOTYPES: F!, GH!, MO!).

*Hoffmannseggia pueblana* (Britton) Britton, Publ. Field Mus. Nat. Hist., Bot. Ser. 11(5): 160. 1936.

*Larrea villosa* Britton, N. Amer. fl. 23(5): 313. 1930. TYPE. MEXICO. Hidalgo: mountain slopes, Ixmiquilpan, July 1905, C. A. Purpus 1369a (HOLOTYPE: NY!).

#### LITERATURE CITED

Simpson, B. B. 1999. A revision of *Hoffmannseggia* (Fabaceae) in North America. *Lundellia* 2: 14–54.