

# REINTERPRETATION OF THE TYPE OF *GODETIA BOTTAE* SPACH (ONAGRACEAE)<sup>1</sup>

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Paolo Emilio Botta, who traveled in the *Héros*, commanded by August Bernard Duhaut-Cilly, collected birds and plants along the coast of California in 1827 and 1828 (McKelvey, 1955). One of these was the type of the taxon later described as *Godetia bottae* Spach (1835). It is preserved in the Herbarium of the Muséum National d'Histoire Naturelle, Paris (P), and is annotated in Édouard Spach's hand, "Godetia Bottae, nob. (Spach, 1839), California, M. Botta." A second specimen is annotated simply "Godetia bottae" with an inscription in another hand that says "Monterey, M. P. E. Botta, 1829." According to Dr. A. Lourteig, this second hand is that of Botta.

At any rate, these specimens are not the species that has subsequently come to be known as *Clarkia bottae* (Spach) Lewis & Lewis (1955), but rather the one known as *C. deflexa* (Jeps.) Lewis & Lewis. Harlan Lewis concurs in this redetermination. Judged from the ports that the *Héros* visited regularly and the time of year, they were probably collected in the summer of 1827 or that of 1828 either at Santa Barbara or at San Pedro; the species does not occur at or near Monterey and the notation on the second herbarium specimen must have been made in error. Collections from Monterey County assigned by Lewis & Lewis (1955) to the taxon *C. deflexa* have been shown to comprise a distinct species described as *C. jolonensis* Parnell (1970).

In view of these findings, the following new synonymy is appropriate:

***Clarkia*** (subsectio *Peripetasma* Lewis & Lewis) ***lewisii*** Raven & Parnell, sp. nov.

*Clarkia bottae* sensu Lewis & Lewis, Univ. Calif. Publ. Bot. 20: 315. 1955; non *Godetia bottae* Spach, Nouv. Ann. Mus. Hist. Nat. 4: 393. 1835.

A *C. cylindrico* differt: tubo floralis annulo pilorum summo intus, 1.5–3 mm longus, non colorato intus.

TYPE: U.S.A. CALIFORNIA: Monterey Co., Point Lobos, along the trail to China Cove from the end of the road, 26 June 1947, H. and M. Lewis 498 (LA).

This species is dedicated to Harlan Lewis of the University of California, Los Angeles, who has made *Clarkia* one of the groups that has contributed most to our understanding of plant evolution. As two of his former graduate students, we feel a sincere debt of gratitude to him.

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**Clarkia bottae** (Spach) Lewis & Lewis, *Madroño* 12: 33. 1953.

*Godetia bottae* Spach, *Nouv. Ann. Mus. Hist. Nat.* 4: 393. 1835.

*Oenothera bottae* (Spach) Torr. & A. Gray, *Fl. N. Amer.* 1: 505. 1840.

*Oenothera godetia* Steud., *Nom. Bot.* ed. 2, 2: 206. 1841, illeg. subs.

*Godetia deflexa* Jeps., *Univ. Calif. Publ. Bot.* 2: 332. 1907.

*Godetia bottae* Spach var. *deflexa* (Jeps.) Hitchc., *Bot. Gaz. (Crawfordsville)* 89: 355. 1930.

*Clarkia deflexa* (Jeps.) Lewis & Lewis, *Madroño* 12: 33. 1953; Lewis & Lewis, *Univ. Calif. Publ. Bot.* 20: 334. 1955.

With the description of *Clarkia jolonensis* Parnell (1970) and *C. rostrata* Davis (1970), the number of species of sect. *Peripetasma* Lewis & Lewis is now 11.

#### LITERATURE CITED

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