

NEW COMBINATION IN *PHANERA* (FABACEAE)

RICHARD P. WUNDERLIN

Institute for Systematic Botany
Department of Cell Biology, Microbiology, and Molecular Biology
University of South Florida
4202 E. Fowler Avenue, BSF 218
Tampa, FL 33620-5150
rwunder@usf.edu

ABSTRACT

Phanera yunnanensis (Franchet) Wunderlin, comb. nov., is proposed. The “Yunnan bauhinia” is grown as an ornamental in southern peninsular Florida and has been recognized in previous accounts to be naturalized in Miami-Dade County, Florida.

KEY WORDS: *Bauhinia*, *Phanera*, Fabaceae.

Phanera Raddi (Fabaceae: Cercideae: Caesalpinioideae) consists of 90–100 species native to Asia and the Malesian region of the Old World (Wunderlin 2010). The genus is readily distinguished from other genera of the Cercideae by consisting of lianas (rarely shrubs) with tendrils (rarely without) and 3 (rarely 2) fertile stamens.

The “Yunnan bauhinia,” *Bauhinia yunnanensis* Franchet, native to southern China, Myanmar, and Thailand, is a glabrous, woody climber to 5 meters and blooms from late spring to early fall. Occasionally cultivated in tropical and warm temperate regions of both the Old and New World, it is easily grown from seed which is readily available from a variety of commercial sources. Naturally dispersed seeds remain viable for several years. Grown in southern peninsular Florida for several decades, it is naturalized in Miami-Dade County as reported in Wunderlin (1998), Wunderlin and Hansen (2003, 2011), and USDA, NRCS (2011). Although long regarded as a *Bauhinia*, it is best placed in the genus *Phanera* and the combination in that genus is made here.

Phanera yunnanensis (Franchet) Wunderlin, comb. nov. Basionym: *Bauhinia yunnanensis* Franchet, Pl. Delavay., 190. 1890. *Lasiobema yunnanensis* (Franchet) A. Schmitz, Bull. Soc. Roy. Bot. Belgique 110: 13. 1977.

Bauhinia diptera Collett & Hemsley, J. Linn. Soc., Bot. 25: 52. 1890, nom. Illegit.; non Blume ex Miquel, 1850. *Bauhinia collettii* Prain, J. Asiat. Soc. Bengal, pt. 2, Nat. Hist. 66: 502. 1897, nom. provis. *Phanera collettii* Thothathi, Bull. Bot. Soc. Bengal 19(2): 133. 1967.

Bauhinia altifissa H. Léveillé, Fl. Kouy-Tchéou, 226. 1914–1915.

The name *Bauhinia* [*Phanera*] *saigonensis* Pierre ex Gagnepain of Cambodia, Laos, Thailand, and Vietnam is frequently misapplied to *Phanera yunnanensis*. The latter is distinguished by its spatulate petals that are pinkish with dark red veins and the stamens and style subequaling the petals in contrast to the linear-oblong, white petals and the stamens and style much longer than the petals in *B. saigonensis*.

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