



Two new combinations in *Lysiphyllum* (Leguminosae-Caesalpinioideae)

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Abstract

Two new combinations in *Lysiphyllum* (Benth.) de Wit for species earlier treated in *Bauhinia* L. are made. The typification of *Bauhinia diptera* Blume ex Miq. is explored.

Key words: *Bauhinia*, Cercideae, Fabaceae

Introduction

Lysiphyllum (Bentham) de Wit (1956: 431) is now recognized as a genus distinct from *Bauhinia* Linnaeus (1753: 374) based on molecular studies (Lewis & Forest 2005, Sinou *et al.* 2009). Wunderlin *et al.* (1987) recognized the genus as a section, namely, *Bauhinia* subgen. *Phanera* sect. *Lysiphyllum* Bentham (1865: 576).

We make here two new combinations in *Lysiphyllum*.

1. *Lysiphyllum dewittii* (K. Larsen & S. S. Larsen) Bandyop. & Ghoshal, *comb. nov.*

Bauhinia dewittii K. Larsen & S. S. Larsen, *Gard. Bull. Singapore* 31: 1. 1978.

Type: Borneo, Mt. Doya, Bau, *Chai, P.*, S.29920 (holotype K000760792, image!, isotypes A00312895 image! (HUH 2014), L0018719 *n.v.*, SING *n.v.*).

DISTRIBUTION: Endemic to Borneo.

2. *Lysiphyllum dipterum* (Blume ex Miq.) Bandyop. & Ghoshal, *comb. nov.*

Bauhinia diptera Blume ex Miq., *Nieuwe Verh. Eerste Kl. Kon.-Ned. Inst. Wetensch. Amsterdam ser. 3,3: 12. 1850* (Miquel 1850a: 12).

Type: Borneo, G[unung] Prarawin, *Korthals s.n.* (neotype here determined, L0504140, image!); Borneo, Sabah, Sandakan, Lahad Datu district, Silam, 500 ft, 20.7.1966, *Ahmad Talip* 54902 (epitype here designated, L0504136 image!, isoepitype K000980011, image!).

Note. *B. diptera* Collett & Hemsl. (1890: 52), the name given to a Burmese species from the Shan hills, is an illegitimate later homonym of *B. diptera* Blume ex Miq. (1850a: 12). The accepted name of this species, now known from Myanmar, China and Thailand (Wunderlin 2011), is *Phanera yunnanensis* (Franchet) Wunderlin (2011: 1).

Miquel (1850a) in the protologue of *B. diptera* Blume ex Miq. did not cite any specimen; thus there was no cited type for this name. In the protologue, however, he did include the information ‘Flores desunt’, denoting that the description was created from specimen lacking flowers. Miquel (1850a) cited the name as ‘*B. ? diptera*, BLUME, *mss.*’ which indicates that he had used the manuscript name written by Blume. An additional issue is the use of the ‘?’ in the name. De Wit (1956) stated that Miquel (1850a) had added a question mark to the epithet ‘*diptera*’ but accepted it without expression of doubt in a later publication (Miquel 1855) under *Phanera*. Dr. K.N. Gandhi (pers. comm. 2014) stated that the query sign given in the protologue as ‘*B. ? diptera*’ refers to the genus, rather than the species epithet.

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