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TWO NEW VARIETAL COMBINATIONS IN *PHANERA* (LEGUMINOSAE: CAESALPINIOIDEAE)

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New combinations are proposed in *Phanera* (Leguminosae: Caesalpinioideae) for two varieties of *Bauhinia glabrifolia* (Benth.) Baker.

Keywords. New combinations, *Phanera glabrifolia* var. *maritima*, *Phanera glabrifolia* var. *sericea*.

Introduction

Recent phylogenetic studies based on DNA sequence data (Lewis & Forest, 2005; Bruneau *et al.*, 2008; Sinou *et al.*, 2009) suggest that *Bauhinia* L. subgen. *Phanera* (Lour.) Kurz (Wunderlin *et al.*, 1987; Bandyopadhyay, 1999) should be recognised as a genus distinct from *Bauhinia*.

Two of the varieties in *Bauhinia glabrifolia* (Benth.) Baker, viz. *B. glabrifolia* var. *maritima* K.Larsen & S.S.Larsen and *B. glabrifolia* var. *sericea* (Lace) K.Larsen & S.S.Larsen, are yet to be transferred to *Phanera*. The following new combinations are proposed here.

New Combinations

Phanera glabrifolia Benth. var. **maritima** (K.Larsen & S.S.Larsen) Bandyop., **comb. nov.** – *Bauhinia glabrifolia* (Benth.) Baker var. *maritima* K.Larsen & S.S.Larsen, Thai Forest Bull., Bot. 25: 14 (1997). – *Bauhinia glabrifolia* (Benth.) Baker var. *maritima* K.Larsen & S.S.Larsen, Thai Forest Bull., Bot. 13: 39 (1980), nom. inval.; K.Larsen & S.S.Larsen in T.Smitinand & K.Larsen (eds), Fl. Thailand 4(1): 44 (1984), nom. inval.; K.Larsen & S.S.Larsen in C.Kalkman et al. (eds), Fl. Males. ser. I, 12(2): 476 (1996), nom. inval. – Type: *Helfer* 1880 (holo K [bar code no. K000760676], image!; iso CAL! [bar code no. CAL0000011309]).

Bauhinia piperifolia auct. non Roxb.: Kurz, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 45(2): 288 (1876); Kurz, Forest Fl. Burma 1: 400 (1877), pro parte.

Bauhinia glabrifolia auct. non (Benth.) Baker: Prain, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 66(2): 500 (1897), pro parte.

Phanera glabrifolia auct. non Benth.: de Wit, Reinwardtia 3(4): 486 (1956), pro parte.

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Larsen & Larsen (1980b) proposed '*Bauhinia glabrifolia* (Benth.) Baker var. *maritima* K.Larsen & S.S.Larsen' as a 'var. nov.', cited three misapplied names, and provided a description in English. For the type they cited '*Helfer 1880*, Tenasserim & Andamans', 'lectotype' at K. Unfortunately Larsen & Larsen (1980b) did not provide a diagnosis or description in Latin and nor do any of the references to the three misidentified names contain a diagnosis or description in Latin. Therefore, their proposed new varietal name was not validly published (see Art. 36.1 of the ICBN; McNeill *et al.*, 2006). Larsen & Larsen (1997), however, later realised their mistake and provided a Latin diagnosis. For the valid publication of a name, when all of the necessary elements are not included in that publication, a full and direct reference must be given to the places where these requirements were previously fulfilled (see Art. 45.1 of the ICBN; McNeill *et al.*, 2006). Larsen & Larsen (1997) did not refer to the precise page number in Larsen & Larsen (1980b) to validate their varietal name, but instead referred to the entire page range of the paper. They did, however, cite two other publications (Larsen & Larsen, 1984, 1996) with precise page numbers and in the latter publication (in *Flora Malesiana*) the 'Type' citation was given. Therefore, their varietal name was validly published in 1997 by reference back to Larsen & Larsen (1996) rather than, as they thought, by reference back to Larsen & Larsen (1980b).

Phanera glabrifolia Benth. var. **sericea** (Lace) Bandyop., **comb. et stat. nov.** – *Bauhinia sericea* Lace, Bull. Misc. Inform. Kew 1915: 400 (1915). – Type: Burma, *Lace* 6208 (lecto K [bar code no. K000760674], designated by Larsen & Larsen, 1980a, image!). – *Bauhinia glabrifolia* (Benth.) Baker subsp. *sericea* (Lace) K.Larsen & S.S.Larsen, Nat. Hist. Bull. Siam Soc. 25(1&2): 10 (1973). – *Bauhinia glabrifolia* (Benth.) Baker var. *sericea* (Lace) K.Larsen & S.S.Larsen, Fl. Cambodge, Laos & Viêtnam 18: 187 (1980).

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