



Nomenclatural changes in *Bulbophyllum* (Orchidaceae; Epidendroideae)

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Abstract

New combinations in *Bulbophyllum* (Orchidaceae) are made to correspond to the revised classification of the genus in *Genera orchidacearum*, vol. 6. Several new sections introduced in that publication are formally described and validated here.

Key words: Bulbophyllinae, Dendrobieae, infrageneric classification, large genera

Introduction

Opinions about the number of genera within the former subtribe Bulbophyllinae (now subsumed in the tribe Dendrobieae) vary between extremes. Some recognized only a few small satellite genera in addition to the megagenus *Bulbophyllum*, e.g. Vermeulen (1996), whereas others, e.g. Clements & Jones (2002) and Szlachetko & Margońska (2001), divided the genus into numerous smaller genera. Over the years, more than 50 generic names have been proposed in addition to *Bulbophyllum*. In *Genera orchidacearum* (Pridgeon *et al.* 2014), supported by unpublished DNA studies by Gravendeel and coworkers, only a single genus is recognized within the former Bulbophyllinae. However, that publication presents only the outline of a revised classification of *Bulbophyllum*. A more detailed account of the Asian and Australian sections of *Bulbophyllum* is in preparation by the authors. New infrageneric nomenclature for *Genera orchidacearum*, as far as it is relevant to our forthcoming account, is validated below, along with the many new combinations made here. We hope that this will bring stability to the nomenclature of *Bulbophyllum*. Among the better-known genera of which the species are here formally transferred to *Bulbophyllum* are *Drymoda*, *Pedilochilus*, *Sunipia* and *Trias*. The necessary new combinations for species in the former genus *Monosepalum* were recently made by Shaw (2014).

Taxonomy

SECTION ACROCHAENE

Bulbophyllum* section *Acrochaene (Lindl.) J.J.Verm., Schuit. & de Vogel, *stat. nov.*

Basionym: *Acrochaene* Lindley (1853: *Acrochaene* 1).

SECTION BLEPHARISTES

Bulbophyllum* section *Blepharistes J.J.Verm., Schuit. & de Vogel, *sect. nov.*

Type species: *Bulbophyllum blepharistes* Reichenbach (1872: 278).

Epiphytic herbs with creeping or straggling rhizomes, shoots developing from nodes below the pseudobulbs, not fused to these; rhizome scales approx. glabrous. Roots spreading, approx. glabrous to rugose. Pseudobulbs conspicuous compared to the

Bulbophyllum leion J.J.Verm., Schuit. & de Vogel, *nom. nov.*

Replaced name: *Trias mollis* Seidenfaden (1976: 23).

Not *Bulbophyllum molle* Vermeulen & O'Byrne (2008: 84).

Bulbophyllum meson J.J.Verm., Schuit. & de Vogel, *nom. nov.*

Replaced name: *Trias intermedia* Seidenfaden & Smitinand (1965 [1958–1965]: 809).

Not *Bulbophyllum intermedium* Bailey (1896: 12).

Not *Bulbophyllum intermedium* De Wildeman (1916 [1916–1919]: 176).

Bulbophyllum stocksii (Hook.f.) J.J.Verm., Schuit. & de Vogel, *comb. nov.*

Basionym: *Trias stocksii* Hooker (1890 [1886–1890]: 781).

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