



Begonia intermedia, an illegitimate name and taxonomic synonym of *B. wuzhishanensis*

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It came to our attention that *Begonia* ×*intermedia* Veitch ex van Houtte (1873: 39) was published in *Flore des Serres* and therefore, *B. intermedia* D.K. Tian *et al.* (2014: 116) is a later homonym and not legitimate according to the *International code of nomenclature for algae, fungi and plants* (McNeill *et al.* 2012: Art. 53). Furthermore, the article by Tian *et al.* was published on 24 Apr 2014 in *Phytotaxa* while *B. wuzhishanensis* C.I. Peng *et al.* (2014: 3) was published on 5 Feb 2014 in *Botanical Studies* for the same species based on type material collected from different locations on Hainan Island of China. In total, extant wild populations of this species have been found in at least the three places belonging to one city (Wuzhishan) and two counties (Qiongzong and Lingshui), respectively (Fig 1).

Begonia wuzhishanensis C.I. Peng *et al.* (2014: 3)

= *B. intermedia* D.K. Tian *et al.* (2014: 116); not *Begonia* ×*intermedia* Veitch ex van Houtte (1873: 39).



FIGURE1 Distribution of *Begonia wuzhishanensis* (= *B. intermedia*)

Wild populations of *Begonia wuzhishanensis* were found in Fanyang of Wuzhishan (Peng *et al.* 2014), Yinggeling National Reserve of Qiongzong (Tian *et al.* 2014), and Diaoluoshan National Reserve of Lingshui (Qin 2013) all on Hainan Island.

Summary

Begonia intermedia D.K. Tian & Y.H. Yang (2014:116) is a later homonym and thus not legitimate due to the previous published *B. ×intermedia* Veitch ex van Houtte (1873: 39). Also, *B. intermedia* and *B. wuzhishanensis* C.-I. Peng, X.H. Jin & S.M. Ku (2014: 3) are considered to be the same species after a careful review. Therefore, the former is a synonym of the latter. This species is endemic to Hainan, China.

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