

PERTUSADINA METCALFII, A NEW COMBINATION IN CHINESE RUBIACEAE

DENG YUNFEI & HU CHIMING

South China Botanical Garden, the Chinese Academy of Sciences,
Guangzhou 510650, P. R. China; e-mail: yfdeng@scib.ac.cn; huqm@scib.ac.cn

SUMMARY

Pertusadina hainanensis (F.C. How) Ridsdale is replaced by *Pertusadina metcalfii* (Merr. ex H.L. Li) Y.F. Deng & C.M. Hu.

Key words: Rubiaceae, *Adina*, *Pertusadina*, China.

INTRODUCTION

Ridsdale (1978) proposed new generic circumscriptions in the tribe Naucleae of the family Rubiaceae and recognized several small new genera. The genus *Pertusadina* is one of those genera established by him separated from *Adina*. It comprises four species distributed in Tropical Asia: *P. eurhyncha* (Miq.) Ridsdale, *P. hainanensis* (F.C. How) Ridsdale, *P. malaccensis* Ridsdale and *P. multiflora* (Havil.) Ridsdale. *Pertusadina hainanensis* (F.C. How) Ridsdale is based on *Adina hainanensis* F.C. How (1946). When Ridsdale (1978) proposed this new combination, he cited three names as its synonyms: *Adina metcalfii* Merr. ex Li, *Adina affinis* F.C. How, and *Adina polycephala* Benth. var. *glabra* F.C. How. However, Ridsdale (1978) overlooked the fact that *Adina metcalfii* Merr. ex H.L. Li (1943) was published three years before *Adina hainanensis* F.C. How (1946). According to Article 11.4 of the current ICBN (Greuter et al., 2000) the oldest name should be chosen. In the course of preparation the manuscript of the family Rubiaceae for the Flora of Hong Kong, we examined the type material of the above cited names and confirmed that the different names were used for the same species. Therefore it is necessary to make a new combination.

Pertusadina metcalfii (Merr. ex H.L. Li) Y.F. Deng & C.M. Hu, *comb. nov.*

Adina metcalfii Merr. ex H.L. Li (1943) 454. — Type: *W.T. Tsang 27683* (holo A; iso IBSC), China, Guangxi, Ch'uan District, 18 June 1937.

Adina hainanensis F.C. How (1946) 240. — *Pertusadina hainanensis* (F.C. How) Ridsdale (1978) 354; H.H. Xu & H. Wu (1981) 36; (1999) 272; Gao et al. (2005). — Type: *F.C. How 73659* (holo IBSC), China, Hainan, Poting, Hing-Lung, Sept. 1935.

Adina affinis F.C. How (1946) 239. — Type: *W.Y. Chun 10036* (holo IBSC), China, Hong Kong, New Territories Mt., Oct. 1934.

Adina polycephala Benth. var. *glabra* F.C. How (1946) 246. — Type: *C.L. Tso 20919* (lectotype K, chosen by Ridsdale, 1978), China, Kwangtung, Lokchong, June 1929.

Distribution — Endemic to China: Fujian, Guangdong, Guangxi, Guizhou, Hunan, Hong Kong and Zhejiang.

Habitat & Ecology — Evergreen forests in ravine. Altitude 150–1300 m. Flowering: June, July.

ACKNOWLEDGEMENTS

This work is part of the Flora of Hong Kong Project supported by the Agriculture, Fishery and Conservation Department of the Hong Kong Special Administration Region (AFD/SQ/83/02).

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