

Ruellia malabarica, a superfluous name for *Andrographis echiooides* (Acanthaceae)

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Abstract: *Ruellia malabarica* Kostel. is recognised here as a superfluous name for *Andrographis echiooides* (L.) Nees (Acanthaceae).

Keywords: *Andrographis*, *Hortus Indicus Malabaricus*, Illegitimate name, *Justicia echiooides*, Pee-tumba.

Introduction

Ruellia Plum. ex L. (Acanthaceae: Acanthoideae) is distributed chiefly in the tropical and subtropical regions to North America with c. 375 species globally (Manzitto-Tripp & Daniel, 2023). The genus is represented in India by 11 species (Arisdason *et al.*, 2020), of which four species, including two species recognised under *Dipteracanthus* Nees, are recorded in Kerala (Nayar *et al.*, 2006).

Rheede (1689) in *Hortus Indicus Malabaricus* provided a brief description and medicinal properties of the plant called “Pee-tumba” (Malayalam) with an illustration [Vol. 9: 87, t. 46 (Fig. 1)]. Kosteletzky (1834), gave the name *Ruellia malabarica* for Rheede’s tabula, and though he did not provide a description, his reference to ‘Rheede 9, t. 46’ validated the name. Hitherto, it has been considered as a distinct, endemic species, narrowly confined to the Malabar region of Kerala in different publications (Karthikeyan *et al.*, 2009; Nayar *et al.*, 2014; Singh *et al.*, 2015) and online databases, such as Plants of the World Online (POWO, 2023) and World Flora Online (WFO, 2023).

However, a perusal of the pertinent literature revealed that the Rheede’s tabula was treated as *Andrographis echiooides* (L.) Nees by Clarke (1884). Whereas, Nicolson *et al.* (1988) recognised the tabula as *Indoneesiella echiooides* (L.) Sreem. [= *Andrographis*

echiooides (L.) Nees], but erroneously treated the name *Ruellia malabarica* Kostel. as a synonym of *Dipteracanthus patulus* (Jacq.) Nees. During the present study on the taxonomy of Acanthaceae in Kerala, a careful examination of Rheede’s tabula 46 (on which Kosteletzky (*l.c.*) established the name *Ruellia malabarica*) and the type of *Justicia echiooides* L. (Herb. Hermann 4: 40, No. 21, BM-000628183, digital image!) revealed that *R. malabarica* is in fact *Andrographis echiooides*. Linnaeus (1753) described *Justicia echiooides* based on “Herm. lugdb. 668. t. 669” and “Pee-tumba. Rheed. mal. 9. p. 87. t. 46”. Therefore, *Ruellia malabarica* established by Kosteletzky (*l.c.*) based on one of the types (Rheede’s t. 46) of *Justicia echiooides* is recognised here as an illegitimate superfluous name of the latter in accordance with Art. 52.2e (Turland *et al.*, 2018).



Fig. 1. Pee-tumba, tabula 46 of Rheede’s *Hortus Indicus Malabaricus*.

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Nomenclature

Andrographis echiooides (L.) Nees in Wall., Pl. Asiat. Rar. 3: 117. 1832.

≡ *Justicia echiooides* L., Sp. Pl.: 16. 1753. *Lectotype* (designated by Stearn ex L.H. Cramer, 1998): Herb. Hermann 4: 40, No. 21 (BM [BM-000628183, digital image!])

≡ *Indoneesiella echiooides* (L.) Sreem., Phytologia 16: 466. 1968.

Ruellia malabarica Kostel., Allg. Med.-Pharm. Fl. 3: 925. 1834, *nom. illeg. superfl.*

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