

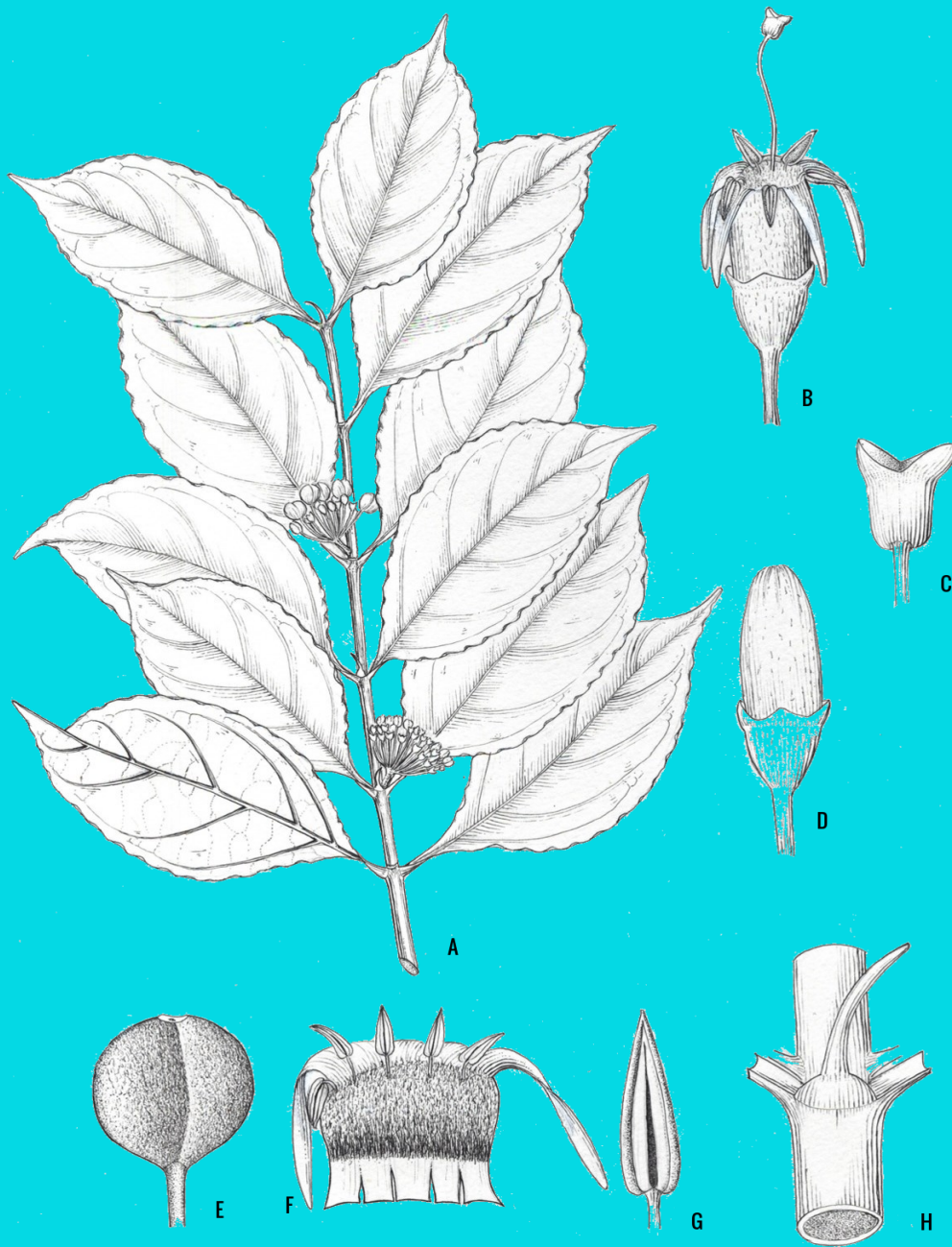


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A NEW COMBINATION IN *PSEUDERANTHEMUM* (ACANTHACEAE)

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ABSTRACT

TURNER, I. M. 2018. A new combination in *Pseuderanthemum* (Acanthaceae). *Reinwardtia* 17(1): 55–57. — A new combination is provided in *Pseuderanthemum* for *Eranthemum diantherum* Roxb., an Acanthaceae species from the Moluccas. *Pseuderanthemum depauperatum* Merr. is a synonym of *Pseuderanthemum diantherum*. Lectotypes for *Eranthemum diantherum* and *Pseuderanthemum depauperatum* are designated.

Key words: Ambon, *Eranthemum*, lectotype, Moluccas, Roxburgh.

ABSTRAK

TURNER, I. M. 2018. Kombinasi baru *Pseuderanthemum* (Acanthaceae). *Reinwardtia* 17(1): 55–57. — Satu kombinasi baru dalam *Pseuderanthemum* disajikan untuk *Eranthemum diantherum* Roxb., satu jenis Acanthaceae dari Maluku. *Pseuderanthemum depauperatum* Merr. merupakan sinonim *Pseuderanthemum diantherum*. Dua lektotipe telah ditetapkan yaitu *Eranthemum diantherum* dan *Pseuderanthemum depauperatum*.

Kata kunci: Ambon, *Eranthemum*, lektotipe, Maluku, Roxburgh.

INTRODUCTION

In the period 1793–1813, William Roxburgh was Superintendent of the East India Company's Botanic Garden in Calcutta (Robinson, 2008). Thanks to this appointment, Roxburgh occupied a pivotal position in the botanical exploration of Asia at that time, though it required Roxburgh's industry, diplomacy and organisational skill to make best use of this opportunity. Plant specimens and material for propagation and planting arrived in Calcutta in large quantities sent by Roxburgh's correspondents, friends, family members and Company agents from many locations as summarised in Roxburgh's *Hortus Bengalensis* (Roxburgh, 1814). Roxburgh named and wrote descriptions of many of these species, and generally had his team of artists draw them. The bulk of this documentation remained unpublished during Roxburgh's lifetime, but many species were described in the two posthumous editions of the *Flora Indica* (Roxburgh, 1820–1824; 1832).

The Moluccas were an important source of new plants for Roxburgh and also of stock material of highly valued spice plants such as nutmeg and clove. Roxburgh's nurseryman, Christopher Smith, was despatched to the Moluccas for the purposes of plant collecting at the end of 1795, having only arrived in Calcutta in April of that year (Robinson, 2008). Smith was to spend much of the next decade collecting in the Moluccas. Roxburgh included at least 150 plant species that he reported as originating from the Moluccas in his various publications. The identity of some of these taxa remains obscure.

One such poorly known Moluccan species is *Eranthemum diantherum* Roxb. (Acanthaceae). Forman (1997) does not list the species, reflecting an absence of herbarium material among the main collections known to contain Roxburgh specimens. It is likely therefore that the only original material for Roxburgh's name consists of the Roxburgh drawing number 1311. Consultation of herbarium material in the Kew Herbarium in comparison to images of the copy of the drawing in the Kew collection, made it clear that Roxburgh's species was the same as *Pseuderanthemum depauperatum* Merr. Merrill described this species from material collected by C.B. Robinson in 1913 on the island of Ambon during his ill-fated expedition to recollect the species described by Rumphius in the Seventeenth Century. As Roxburgh's name has priority by nearly a century over Merrill's, I here make a new combination in *Pseuderanthemum* for *Eranthemum diantherum* Roxb. I also designate lectotypes for Roxburgh's name and its new synonym.

Pseuderanthemum diantherum (Roxb.)

I.M. Turner, *comb. nov.*

Basionym: *Eranthemum diantherum* Roxb., Fl. Ind. 1 (1820) 112. Lectotype: [unpublished illustration], Icones Roxburghianae 1311 (K, designated here), Fig. 1.

Pseuderanthemum depauperatum Merr., Philipp. J. Sci., C 11 (1917) 315–316. 1917, *syn. nov.* Lectotype: Indonesia, Moluccas, Amboina, July–November 1913, *Reliquiae Robinsonianae 1792* (holo: P (P00719564), designated here; iso: K (K000885578), NY (NY00312267)).



Fig. 1. Photograph of the Roxburgh drawing of *Eranthemum diantherum* in the collection of the Royal Botanic Gardens Kew. Reproduced with the kind permission of the Director and the Board of Trustees, Royal Botanic Gardens, Kew.

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Scope. *Reinwardtia* is a scientific regular journal on plant taxonomy, plant ecology and ethnobotany published in June and December. Manuscript intended for a publication should be written in English.

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