

Four new combinations in *Argyreia* Lour. (Convolvulaceae)

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ABSTRACT. New combinations are proposed for four Thai *Argyreia* species. The names are updated for a checklist of Thai Convolvulaceae and for the *Flora of Thailand* account of *Argyreia*.

In the 19th century, the genus *Lettsomia* Roxb. was first recognised as separate from *Argyreia* Lour. The only character that was consistently used to separate them was the number of cells in the ovary: 4 in *Argyreia* spp., and 2 in *Lettsomia* spp. However, as more species were described a number of them were found to have intermediate character states (e.g., partial dissepiments in a basically 2-celled ovary) and it became clear that a number of species pairs that shared many similarities would end up in different genera if this single character were rigorously applied. Van Ooststroom (1943) provided a comprehensive review of the literature regarding these generic concepts and examined the Malesian species. He concluded that *Lettsomia* should be united with *Argyreia*. Since then, only a single genus has been recognized in Asian and Malesian floras, although a number of epithets have not been transferred yet. This paper makes new combinations in *Argyreia* for four Thai species described in *Lettsomia*.

Argyreia collinsae* (Craib) B. Na Songkhla & P. Traiperm, *comb. nov.

Rivea collinsae Craib, Bull. Misc. Inform. Kew 1916: 266. 1916. *Lettsomia collinsae* (Craib) Kerr, Kew Bull. 1941: 15. 1941. Type: Thailand, Sriracha, A.F.G. Kerr 2149 (syntype K!; isosyntypes BK!, BM!, E!, K!), *ibid.*, Mrs D.J. Collins 53 (syntype K!; isosyntype E!).

Argyreia ionantha* (Kerr) C. Khunwasi & P. Traiperm, *comb. nov.

Lettsomia ionantha Kerr, Bull. Misc. Inform. Kew 1941: 15. 1941. Type: Thailand, Doi Pa Kao, Garrett 738 (isotypes BKF!, L!, P!). There is a detailed drawing made from “the Type No.” in the BM herbarium.

Argyreia stenophylla* (Kerr) Staples & P. Traiperm, *comb. nov.

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Lettsomia stenophylla Kerr, Bull. Misc. Inform. Kew 1941: 16. 1941. Type: Thailand, Chiang Mai, Mae Taeng, *A.F.G. Kerr* 6490 (isotypes BK!, K!; fragment BM!). A full-sized drawing made from #6490 is in the BM herbarium; a fragment capsule on the drawing contains a single leaf from the type.

Argyreia versicolor* (Kerr) Staples & P. Traiperm, *comb. nov.

Lettsomia versicolor Kerr, Bull. Misc. Inform. Kew 1941: 17. 1941. Type: Thailand, Prachin Buri, Krabin, Wattana, *A.F.G. Kerr* 9786 (isotypes BK!, BM!, P!). The BM isotype has a detailed drawing of floral dissections on the sheet.

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LITERATURE CITED

Ooststroom, S. J. van. 1943. The Convolvulaceae of Malaysia, IV. *Blumea* 5: 339–411.