

Lectotypification of *Astartea arbuscula* and *A. fascicularis* (Myrtaceae)

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SHORT COMMUNICATION

Taxonomic treatments of a range of genera from Myrtaceae tribe Chamelaucieae are gradually being published online for the *Flora of Australia*. The following two lectotypifications are made as part of the recent synthesis of *Astartea* DC. (Rye 2022).

Astartea arbuscula (R.Br. ex Benth.) Rye, *Nuytsia* 16(1): 152 (2006); *Baeckea arbuscula* R.Br. ex Benth., *Fl. Austral.* 3: 79 (1867). *Type*: King George Sound, heaths between Oyster and Princess Royal Harbours, Western Australia, December 1801, *R. Brown s.n.* (*lecto*, here designated: BM 000758991!; *isolecto*: CANB 278733!, E 00801186 image!, K 000821969!, K 000821970!, NSW 497662!).

Typification. When *Baeckea arbuscula* was transferred to *Astartea* DC., a syntype at BM was incorrectly cited as the holotype (Rye 2006). In their detailed synthesis of the collections of Robert Brown, Mabberley *et al.* (2022: 398) note that this syntype, which comprises ample material and bears Brown's annotations, would be a good candidate for lectotypification. We concur and effect this lectotypification above.

Astartea fascicularis (Labill.) DC., *Prodr.* 3: 210 (1828); *Melaleuca fascicularis* Labill., *Nov. Holl. Pl.* 2: 29–30, t. 170 (1806); *Baeckea fascicularis* (Labill.) Nied., in A. Engler & K. Prantl, *Nat. Pflanzenfam.* III, 7: 99. (1893). *Type*: 'in capite Van-Diemen' [probably collected on Observatory Island, Archipelago of the Recherche, Western Australia, 11–18 December 1792], *J.J.H. de Labillardière s.n.* (*lecto*, here designated: FI 011333 image!; *isolecto*: BM 001015089 image!, B (B-W 14369-01 0) image!, CAS 0026080 image!, G 00659440 *n.v.*, G 00659492 *n.v.*, GH 00069950 image!, HAL 0089688 image!, M 0137440 image!, NY 00405319 image!, P 05263231 image! [RH fragment ex Herb. Maire], P 05263234 image!, P 05263236 image!).

Typification. Type material of *A. fascicularis* was not viewed when the genus was revised in 2013 and the holotype was presumed to be at FI (Rye 2013: 234); however, numerous syntypes have since come to light. The specimen at FI, which bears extensive descriptive annotations by Labillardière and sketches of the floral parts, is selected here as an appropriate lectotype.

References

- Mabberley, D.J., Moore, D.T. & Wajer, J. (2022). The Robert Brown handbook. A guide to the life and work of Robert Brown (1773–1858) Scottish botanist. *Regnum Vegetabile* Vol. 160. (Koeltz Botanical Books: Glashütton, Germany.)
- Rye, B.L. (2006). New combinations and lectotypifications for the south-western Australian genus *Astartea* (Myrtaceae). *Nuytsia* 16(1): 149–156.
- Rye, B.L. (2013). A revision of the south-western Australian genus *Astartea* (Myrtaceae: Chamelaucieae). *Nuytsia* 23: 189–269.
- Rye, B.L. (2022). *Astartea*, in J.A. Wege (ed.), *Flora of Australia*. Australian Biological Resources Study, Department of Climate Change, Energy, the Environment and Water: Canberra. <https://profiles.ala.org.au/opus/foa/profile/Astartea>