

Correction and further notes to 'Studies on the Australasian Asclepiadaceae. I. *Brachystelma* Simms in Australia'

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Abstract

Forster, P.I. Correction and further notes to 'Studies on the Australian Asclepiadaceae. I. *Brachystelma* Simms in Australia. Nuytsia 7(2): 123-124 (1990). It is noted that the name *Brachystelma glabriflorum* (F. Muell.) Schltr. has priority over *B. microstemma* Schltr. for the single species occurring in Australia, New Guinea and Indonesia. A corrected synonymy for this taxon is provided.

The name *Brachystelma* Sims is now conserved over *Microstemma* R. Br. (Brummit 1988).

The earliest available name in *Brachystelma* for the single species that occurs in Australia, New Guinea and Indonesia is *B. glabriflorum* (F. Muell.) Schltr. and not *B. microstemma* Schltr. as earlier reported (Forster 1988). *B. glabriflorum* is based on *Microstemma glabriflorum* F. Muell. from 1858 which has priority over *B. microstemma* from 1914.

The type of *Brachystelma papuanum* Schltr. is not extant at B and was presumably destroyed in World War II.

The corrected synonymy is given below.

Brachystelma glabriflorum (F. Muell.) Schltr., Bot. Jahrb. Syst. 50: 161 (1914). — *Microstemma glabriflorum* F. Muell., Fragm. Phyt. Austral. 1: 58 (1858). *Type*: Seaview Range, s. dat., F. Mueller s.n. (holo: K).

Microstemma tuberosum R. Br., Prodr. 459 (1810); Endl., Icon. Gen. Pl. t. 60 (1838); F. Muell., Fragm. Phyt. Austral. 1: 58 (1858); Benth., Fl. Austral. 4: 345 (1869); Bailey, Queensland Fl. 3: 1014-1015 (1900); Bailey Compr. Cat. Queensland Pl. 335, t. 312 (1913); Back & Bakhuizen van den Brink, Fl. Java 2: 257 (1965). — *Brachystelma microstemma* Schltr., Bot. Jahrb. Syst. 50: 160 (1914). *Lectotype* (here designated): Australia, Carpentaria, Turtle Island, Dec. 1802, R. Brown s.n. sub. J.J. Bennett 2880 (lecto: BM; isolecto: K).

Brachystelma papuanum Schltr., Bot. Jahrb. Syst. 50: 161 (1914). *Type*: Nordöstl. New Guinea: auf grasigen Hügeln am Fusse des Bismarck-Gebirges, October 1908, *R. Schlechter* 18470 (holo: B).

Acknowledgements

Paul G. Wilson (PERTH) brought to notice the priority of *B. glabriflorum*. B. Leuenberger (B) provided a listing of extant Schlechter types of Asclepiadaceae at that institution.

References

Brummit, R.K. (1988). Report of the Committee for Spermatophyta: 35. *Taxon* 37: 444-450.

Forster, P.I. (1988). Studies on the Australasian Asclepiadaceae. I. *Brachystelma* Sims in Australia. *Nuytsia* 6(3): 285-294.