

(STE); Gordon's Bay, March, (-BB), *Duthie 762* (STE); Rooiels, River Mouth, near Hangklip Floodplain, 11-03-1981, (-BD), *Parsons 59* (STE). **3419** (Caledon): Oudebos, Riviersonderend, 04-1930, (-AB), *Stokoe s.n.* (STE); between Avoka and Goedvertrou, 83 m, 22-05-1971, (-DA), *Thompson 1207* (STE). **3420** (Bredasdorp): Breede River at Malgas, 16 m, 07-03-1971, (-BC), *Heard 3* (STE). **3421** (Riversdale): Korente River Dam, 200 m, 26-09-1979, (-AA), *Bohnen 6621* (STE).

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ASPHODELACEAE/ALOACEAE

WAS *GASTERIA NITIDA* VAR. *ARMSTRONGII* VALIDLY PUBLISHED?

In the recently published synopsis of the genus *Gasteria* Duval (Van Jaarsveld 1992: 12), the full page reference to the basionym of *Gasteria nitida* var. *armstrongii* (Schönland) Van Jaarsv. was not given where the new combination was made. The combination therefore appears not to have been validly published (Eggl & Taylor 1993). Under Art. 33.2 of the Botanical Code (Greuter *et al.* 1988), on or after 1 January 1953, a new combination is not validly published unless its basionym is clearly indicated and a full and direct reference given to its author and place of valid publication with page or plate reference and date.

However, the name has been validly published because the page reference required for validation is given in the list of references of the same paper (Van Jaarsveld 1992). The entry 'Schönl. in Rec. Albany Mus. 1912', on p. 12, is a perfectly acceptable, unambiguous citation of the item fully listed under 'References' on p. 28. This point of view is in accordance with the interpretation of Brummitt (1969: 45), who determined that the combination *Erysimum arbuscula* (Lowe) Snogerup was validly published by citation of the basionym reference in detail in the bibliography, but indirectly only in the text (Snogerup 1967: 9). Furthermore, the policy of the herbarium of the Royal Botanic Gardens, Kew, regarding validly published names included in the *Kew Record of Taxonomic Literature* was formulated as follows: 'A reference to the basionym is accepted if it is cited adjacent to, or clearly associated with, a new combination, or in a bibliography at the end of the paper, but not if it is elsewhere in the same paper without any clear connection' (Royal Botanic Gardens, Kew 1974: 383).

The full citation to the name therefore is:

***Gasteria nitida* var. *armstrongii* (Schönland) Van Jaarsv.** Basionym: *Gasteria armstrongii* Schönland in *Records of the Albany Museum* 2,4: 258 (1912).

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ALOE BARBERAE TO REPLACE A. BAINESII

In an enumeration of the tree aloes of southern Africa, Dyer (1874a) described as new two tree aloes from the subtropical eastern coastal areas: *A. bainesii* from northern Natal and *A. barberae* from 'Caffraria' (Transkei). These two 'species' were described as differing mainly in their

leaf characters, *A. barberae* having longer, less glaucous, and more widely spaced leaves.

A few months later Dyer (1874b), in a short note in the same journal, decided to combine the latter two spe-

cies and expressly chose the name *A. barberae* for the southeastern African tree aloe. Unfortunately this publication was overlooked by all subsequent research workers on *Aloe*, notably Baker (1880) and Reynolds (1950). However, Baker (1885) regarded *A. bainesii* and *A. barberae* as conspecific, but incorrectly chose as the correct name *A. bainesii*. An attempt by Baker (1896) to taxonomically reinstate *A. barberae* as a variety of *A. bainesii* has received little support.

Therefore, although the name *A. bainesii* has been widely adopted by most southern African flora writers and succulentists, it has to be rejected in favour of the name *A. barberae*, which was chosen as the one to be accepted by the original author.

Aloe barberae Dyer in *The Gardeners' Chronicle* (n.s.) 1: 568 (1874a); Dyer: 720 (1874b); Dyer: 90 (1875a); Dyer: 49 (1875b). Type: Hort., Anon. s.n. (K!).

A. bainesii Dyer: 568 (1874a). Baker: t. 6848 (1885); Baker: 326 (1896); Berger: 319 (1908); Marloth: 92 (1915); Sim: 152 (1919); Reynolds: 498 (1950); Jeppe: 59 (1969); Bornman & Hardy: 281 (1972); Palmer & Pitman: 339 (1972); Compton: 98 (1976). Type: Natal, Greytown Dist., *T. Baines s.n.* (K!).

A. bainesii Dyer var. *barberae* (Dyer) Baker: 326 (1896).

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BORAGINACEAE

THE CORRECT AUTHOR CITATION FOR *LOBOSTEMON MONTANUS*

Herman (1993) cited *Lobostemon montanus* (DC.) H. Buek; however, Buek described *L. montanus* in 1837, whereas De Candolle published the combination *Echium montanum* (H. Buek) DC. in 1846. The correct author citation is therefore *L. montanus* H. Buek.

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