

SHORT COMMUNICATION

Placement of three names in *Cyathostemon*, *Hysterobaeckea* and *Oxymyrrhine* (Myrtaceae: Chamelaucieae)

Baeckea benthamii Trudgen ms, in G. Paczkowska & A.R. Chapman, *West. Austral. Fl.: Descr. Cat.* p. 346 (2000); Western Australian Herbarium, in *FloraBase*, <https://florabase.dpaw.wa.gov.au> [accessed 6 April 2018].

Notes. This name was recently treated as a synonym of *Hysterobaeckea setifera* Rye, but was accidentally placed under *H. setifera* subsp. *meridionalis* Rye (Rye 2018: 77, 104). It is in fact a synonym of *H. setifera* subsp. *setifera*.

Baeckea uncinella Benth. var. **gracilis** W.E. Blackall, in W.E. Blackall & B.J. Grieve, *How Know W. Austral. Wildfl.* 1: 288 (1954), *nom. inval.*

Notes. This name, which is a synonym of *Oxymyrrhine gracilis* Schauer, was overlooked when *Oxymyrrhine* Schauer was last revised (Rye 2009). It was invalidly published by Blackall and Grieve (1954), and was omitted from a later edition of their identification guide (Blackall & Grieve 1980).

Cyathostemon sp. **Mt Dimer** (C. McChesney TRL 4/72) [previously known as *Astartea* sp. Mt Dimer (C. McChesney TRL 4/72)], Western Australian Herbarium, in *FloraBase*, <https://florabase.dpaw.wa.gov.au> [accessed 6 April 2018].

Notes. This phrase name has only been applied to a single specimen from near Mt Dimer (*C. McChesney* TRL 4/72), with Trudgen and Rye (2014: 8, 15) noting that this entity needed further investigation to determine its taxonomic status. The Mt Dimer specimen is similar to those housed as *Cyathostemon verrucosus* Trudgen & Rye in having leaves covered by warts that sometimes protrude to form tubercles, but differs in usually having particularly prominent tubercles (see Trudgen & Rye 2014: Figure 1E). Its leaves are uniformly small and somewhat yellowish or brownish, including one completely brown dead leaf, which may indicate that their extreme rugosity is the result of stress from drought or other adverse environmental conditions.

A recent collection of *C. verrucosus* from south-east of Mt Dimer (*K.R. Thiele* 4762: PERTH) has helped to bridge the small gap in morphology and distribution between *C. McChesney* TRL 4/72 and previously collected material of *C. verrucosus*. Consequently, *C. sp. Mt Dimer* is reduced herein to synonymy under *C. verrucosus* and recommended for removal from the *Threatened and Priority Flora list for Western Australia*. *Cyathostemon verrucosus* retains its Priority Three status under Conservation Codes for Western Australian flora (Smith & Jones 2018).

Acknowledgements

I am grateful to Juliet Wege for her comments.

References

- Blackall, W.E. & Grieve, B.J. (1954). *How to know Western Australian wildflowers*. Part 1. (University of Western Australia Press: Nedlands, Western Australia.)
- Blackall, W.E. & Grieve, B.J. (1980). *How to know Western Australian wildflowers*. Part 3A. Revised 2nd edn by B.J. Grieve. (University of Western Australia Press: Nedlands, Western Australia.)
- Rye, B.L. (2009). Reinstatement of the south-western Australian genus *Oxymyrrhine* (Myrtaceae: Chamelaucieae), with three new species. *Nuytsia* 19: 149–165.
- Rye, B.L. (2018). An update to the taxonomy of some Western Australian genera of Myrtaceae tribe Chamelaucieae. 4. *Hysterobaeckea*. *Nuytsia* 29: 75–107.
- Smith, M.G. & Jones, A. (2018). *Threatened and Priority Flora list 16 January 2018*. Department of Biodiversity, Conservation and Attractions. <https://www.dpaw.wa.gov.au/plants-and-animals/threatened-species-and-communities/threatened-plants> [accessed 4 July 2018].
- Trudgen, M.E. & Rye, B.L. (2014). An update to the taxonomy of some Western Australian genera of Myrtaceae tribe Chamelaucieae. 2. *Cyathostemon*. *Nuytsia* 24: 7–16.

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