

***Jania flabellata* (Harvey) comb. nov. is the correct name for an Indian Ocean articulated coralline (Corallinaceae, Florideophyceae)**

Michael D. Guiry¹

¹ *AlgaeBase, Ryan Institute, University of Galway, H91 TK33, Ireland.*

The name *Corallina prolifera* J.V.Lamouroux was introduced by Lamouroux (1816: 291, pl. X [1]: fig. 5) for a specimen, “Indes Orientales. Ded. Jussieu” (probably Bernard de Jussieu, 1699–1777) but with no details of the precise collection locality. The taxon was first transferred to *Arthrocardia* as *Arthrocardia prolifera* (J.V.Lamouroux) Decaisne (1842a: 359), and in the same year to *Amphiroa* as *Amphiroa prolifera* (J.V.Lamouroux) Decaisne (1842b: 125). Hariot (1902: 472) effected a transfer to *Cheilosporum* as *Cheilosporum proliferum* (J.V.Lamouroux) Hariot. Finally, Kim & al. (2007: 1317) proposed transfer to *Jania* as *Jania prolifera* (J.V.Lamouroux) Ji H.Kim, Guiry & H.-G.Choi.

However, *Jania prolifera* (J.V.Lamouroux) Ji H.Kim, Guiry & H.-G.Choi is a later homonym of *Jania prolifera* A.B.Joly (in Joly & al.1966: 161, fig. 1; pl. 1: figs 7–9, **USP**) and a replacement name is required if the taxon is treated as a *Jania*.

Kim & al. (2007: 1317) included in synonymy *Amphiroa flabellata* Harvey (1849: 101, pl. 39: upper right; Durban, South Africa), *Amphiroa stangeri* Harvey (1849: 101, pl. 39, upper left group of figures; also Durban), *Amphiroa heterocladia* Kützing (1858: 28, pl. 58: fig. III; also Durban), *Cheilosporum pulchellum* Harvey (1855: 547, Rottneest Island, Western Australia), and *Cheilosporum africanum* Manza (1937: 570, Still Bay, Cape Province, South Africa, **UC** 564605).

As *Corallina prolifera* J.V.Lamouroux is compromised as a name for a *Jania*, the earliest available synonym can be employed in its stead. *Amphiroa flabellata* Harvey and *Amphiroa stangeri* Harvey, both from the Indian Ocean coast of South Africa, are the earliest available names but have equal priority as they appeared in the same publication (Harvey 1849). A close examination of the figures of both species in Harvey (1849: pl. 39) suggests that there is little difference between the two. I therefore propose the following:

***Jania flabellata* (Harvey) comb. nov.**

Basionym: *Amphiroa flabellata* Harvey, *Nereis australis*, p. 101, pl. XXXIX (upper right: figs 1–4)

Type locality: “Port Natal, Dr. Gueinzus. (v. s. in Herb. T. C. D.)” [Durban, South Africa] **TCD**.

Synonyms: *Corallina prolifera* J.V.Lamouroux (1816: 291, pl. X [1]: fig. 5), ≡ *Jania prolifera* (J.V.Lamouroux) Ji H.Kim, Guiry & H.-G.Choi (2007: 1317), superfl., *non Jania prolifera* A.B.Joly. *Amphiroa stangeri* Harvey (1849: 101, pl. XXXIX: upper left: figs 1–3), *Amphiroa heterocladia* Kützing (1858: 28, , pl. 58: fig. III), *Cheilosporum pulchellum* Harvey (1855: 547), and *Cheilosporum africanum* Manza (1937: 570).

Registration: <http://phycobank.org/106993>

Note: The species appears to have an Indian Ocean distribution: it has been [reported](#) from South Africa, Mozambique, Madagascar, and Western Australia. The collector of the type was Wilhelm Gueinzus (1813–1874), German naturalist, collector and apothecary [who was at Port Natal from 1841](#).

Decaisne, J. (1842a). Essais sur une classification des algues et des polypiers calcifères de Lamouroux. *Annales des Sciences Naturelles, Botanique, Seconde Série* 17: 297-380, [pls 14-17].



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