

# Cryptogamie, Algologie 44 (2): 13-58. Corrigendum. Phylogenetic analysis of the red algal tribe Ceramieae reveals multiple morphological homoplasies but defines new genera

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Based on an integrative analysis, the following new combinations were proposed by Barros-Barreto *et al.* (2023). However, due to an oversight, they were not validly published. Below, the basionyms and corrections are included to effect the valid publication of the new combinations:

*Campylaephora boydenii*  
(Gepp) Barros-Barreto & Maggs, comb. nov.

*Ceramium boydenii* E.S.Gepp, *Journal of Botany, London* 42: 164,  
pl. 460, figs 1-3 (Gepp 1904).

LECTOTYPE. — **China**. Wei-hei-wai, Liu-kung-tao Island. Illustration in Gepp (1904).

EPITYPE. — **Japan**. Sea of Japan, Iwate-ken, Yamada-wan, Oura, Ouranohama, 11.VII.1994, *Hommersand s.n.* (epi-, for the lectotype, here designated, NCU[NCU-A-0004403]).

## NOTES

In the publication E. S. Gepp did not designate a holotype, but he included (and referred to in the description) an illustration that we designate as the lectotype. However, the figures are not very detailed and are not useful for identification. We therefore designate a collection made in Japan by M. Hommersand (specimen NCU-A-0004403) as an epitype. The

latter is a very complete specimen, with reproductive structures present, and was the source of tissue for obtaining the DNA sequence data in this study.

Barros-Barreto *et al.* (2023) erroneously referred to the holotype, which is corrected here as lectotype.

*Stirkia interrupta*

Barros-Barreto & Maggs, nom. nov.

*Ceramium interruptum* Setchell & N.L.Gardner, *Proceedings of the California Academy of Sciences*, Series 4, 12: 775, pl. 27, fig. 58 (Setchell & Gardner 1924), nom. illeg., non *Ceramium interruptum* (J.E.Smith) C.Agardh, 1817.

TYPE LOCALITY. — United States. California, Eureka, near La Paz.

HOLOTYPE. — United States. California, Eureka, near La Paz, V.1917, *Marchant no. 78* (holo-, UC).

NOTE

*Ceramium interruptum* Setchell & N.L.Gardner is illegitimate because it is a later homonym of *Ceramium interruptum* (J.E.Smith) C.Agardh. It cannot be used as a basionym, only as a replaced synonym which is therefore a nom. nov.

NAMES NOT INCLUDED IN  
NOMENCLATURAL PROPOSALS

*Stirkia codii*

(H.Richards) Barros-Barreto & Maggs, comb. nov.

*Ceramothamnion codii* H.Richards, *Bulletin of the Torrey Botanical Club* 28: 264, pls 21, 22 (Richards 1901).

TYPE LOCALITY. — Bermuda. Cooper's Island.

TOPOTYPE. — Bermuda. Cooper's Island, on *Codium tomentosum* Stackh., 29.IV.1912, LAF, Phycotheca Bor.-Amer. no. 1899, Collins, Holden & Setchell.

*Stirkia inconspicua*

(Zanardini) Barros-Barreto & Maggs, comb. nov.

*Ceramium inconspicuum* Zanardini, *Biblioteca Italiana* 96: 136 (Zanardini 1839).

TYPE LOCALITY. — Italy. Dalmazia.

HOLOTYPE. — Italy. Dalmazia. Sheet no. 20/59, examined by Cormaci *et al.* (1994), *Giornale Botanico Italiano* 128: 1002, figs 1-4.

*Stirkia riosmenae*

(B.Y.Won & T.O.Cho) Barros-Barreto & Maggs,  
comb. nov.

*Ceramium riosmenae* B.Y.Won & T.O.Cho, *Algae* 26 (4): 290, figs 1-4 (Won & Cho 2011).

TYPE LOCALITY. — Mexico. Baja California Sur, Bahía Magdalena, López Nateos, Estero Santo Domingo.

HOLOTYPE. — Mexico. Baja California Sur, Bahía Magdalena, López Nateos, Estero Santo Domingo, 1 m subtidal zone, 01.VI.2000 (holo-, CUK[CUK245]).

MISPELLED SPECIES

The new combination *Stirkia vagans* was erroneously listed as *Stirkia vaga*; also, the following nomenclatural errors are corrected here: *Stirkia horrida* is corrected to *Stirkia horridula*; *Stirkia inconspicua* is corrected to *Stirkia inconspicua*; and *Stirkia juliae* is corrected to *Stirkia juliae*.

*Stirkia horridula*

(P.C.Silva) Barros-Barreto & Maggs, comb. nov.

*Ceramium horridulum* P.C.Silva, *Taxon* 21: 204 (Silva 1972).

TYPE LOCALITY. — Mexico. Sonora, Guaymas.

HOLOTYPE. — Mexico. Sonora, Guaymas, V.1917, *Marchant no. 91* (holo-, UC[UC1462246]).

*Stirkia juliae*

(A.Millar) Barros-Barreto & Maggs, comb. nov.

*Ceramium juliae* A.Millar, *Australian Systematic Botany* 15: 494, figs 1-12 (Millar 2002).

TYPE LOCALITY. — Australia. New South Wales, Honeysuckle Point, Twofold Bay.

HOLOTYPE. — Australia. New South Wales, Honeysuckle Point, Twofold Bay, 15 m deep, 37°05'57"S, 149°56'21"E, 4.II.1992, A. Millar *s.n.* (holo-, NSW[NSW605422], slide 12-97).

*Stirkia vagans*

(P.C.Silva) Barros-Barreto & Maggs, comb. nov.

*Ceramium vagans* P.C.Silva, *Smithsonian Contributions to Marine Sciences* 27: 56 (Silva *et al.* 1987).

*Ceramium vagabundum* E.Y.Dawson, nom illeg., *Pacific Science* 11: 121, fig. 27E (as "vagabunde") (Dawson 1957).

TYPE LOCALITY. — Marshall Islands. Eniwetok Atoll, Parry Island.

HOLOTYPE. — Marshall Islands. Eniwetok Atoll, Parry Island, 19.VIII.1955, *Dawson no. 13620a* (holo-, BISH).

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