Reinstatement of *Ceramothamnion* H.Richards (1901), a replacement name for the newly described *Stirkia* (*Ceramiaceae, Rhodophyta*)

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An exhaustive phylogenetic study of the *Ceramiaceae* (*Ceramiales*) involving both morphological and molecular evidence was published recently by Barros-Barreto & al. (2023a; 2023b, a *corrigendum*). Some new genera (namely, *Pseudoceramium*, *Stirkia* and *Yoneshiguea*) were described, and some old names were reinstated (*Celaceras* and *Reinboldiella*). New circumscriptions were offered for the genera *Ceramium*, *Carpoblepharis*, *Herpochondria*, *Campylaephora*, and *Celaceras*.

One of the species assigned to the new genus *Stirkia* Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 27 was *S. codii* (H.Richards) Barros-Barreto & Maggs in Barros-Barreto & al. 2023b: [2], ≡ *Ceramothamnion codii* H.Richards, the generitype of the genus *Ceramothamnion* H.Richards (Richards 1901). As *Ceramothamnion* H.Richards is valid, legitimate, and available, and because of its nomenclatural priority, *Ceramothamnion* renders the genus *Stirkia* superfluous as currently circumscribed. Hence, species recently assigned to *Stirkia* by Barros-Barreto & Maggs (in Barros-Barreto & al. 2023a, b) now require transfer to *Ceramothamnion*. Should further phylogenetic studies show that *Ceramothamnion codii* H.Richards is unique from the type of *Stirkia*, *S. fujiiana* (Barros-Barreto & Maggs) Barros-Barreto & Maggs [≡ *Ceramium fujiianum* Barros-Barreto & Maggs], *Stirkia* remains available for use.

The type locality listed for *Ceramothamnion codii* by Barros-Barreto & Maggs in Barros-Barreto & al. 2023b: [2], Cooper's Island, Bermuda, was incorrect. Barros-Barreto & Maggs in Barros-Barreto & al. 2023b: [2] also cited a topotype in the exsiccata *Phycotheca Boreali-Americana* (*P.B.-A.*) no. 1899, Collins & al. (1912). Richards (1901: 265) cited only for the type material, "Collected in February on the south shore of the main island of Bermuda". It appears that authentic type material of *C. codii* was distributed as no. 845 in *P.B.-A.* Fasc. XVII (Collins & al. 1901, coll. H.M. Richards, Harris Bay, Bermuda, Feb. 1889, on *Codium tomentosum* Stackhouse [actually *C. decorticatum* (Woodward) M.Howe]).

Ceramothamnion brasiliensis (A.B.Joly) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/103999
Basionym: *Ceramium brasiliense* A.B.Joly 1957: 148–150, pl. 18: figs 1, 1a, 1b, 1c, 1d.
Homotypic synonym: *Stirkia brasiliensis* (A.B.Joly) Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 28.

Ceramothamnion codicola (J.Agardh) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104000
Basionym: *Ceramium codicola* J.Agardh 1894: 23.
Homotypic synonym: *Stirkia codicola* (J.Agardh) Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 28.

Ceramothamnion coulteri (Harvey) M.J.Wynne & C.W.Schneider, *comb. nov.*

PhycoBank registration: http://phycobank.org/104001
Basionym: *Microcladia coulteri* Harvey 1853: 209, pl. XXXIII [33]: fig. A.
Homotypic synonym*: Stirkia coulteri* (Harvey) Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 28.

Ceramothamnion dumosertum (R.E.Norris & I.A.Abbott) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104002
Basionym: *Ceramium dumosertum* R.E.Norris & I.A.Abbott 1992: 456, figs 5–9.
Homotypic synonym: *Stirkia dumoserta* (R.E.Norris & I.A.Abbott) Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 28

Ceramothamnion fujiianum (Barros-Barreto & Maggs) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104003
Basionym: *Ceramium fujiianum* Barros-Barreto & Maggs in Barros-Barreto & al., 2006: 915, figs 9, 10 (as '*fujianum*').
Homotypic synonym: *Stirkia fujiiana* (Barros-Barreto & Maggs) Barros-Barreto & Maggs in Barros-Barreto & al. 2023: 27 (as '*fujiana*').

Ceramothamnion horridulum (P.C.Silva) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104004
Basionym: *Ceramium horridulum* P.C.Silva 1972: 204.
Homotypic synonym: *Stirkia horridula* (P.C.Silva) Barros-Barreto & Maggs in Barros-Barreto & al. 2023b: [2].

Ceramothamnion inconspicuum (Zanardini) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104005
Basionym: *Ceramium inconspicuum* Zanardini 1840: 136.
Homotypic synonym: *Stirkia inconspicua* (Zanardini) Barros-Barreto & Maggs in Barros-Barreto & al. 2023b: [2].

Ceramothamnion interruptum (Barros-Barreto & Maggs) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104006
Basionym: *Stirkia interrupta* Barros-Barreto & Maggs in Barros-Barreto & al. 2023b: [2]
Homotypic synonym: *Ceramium interruptum* Setchell & N.L.Gardner 1924: 775, 776, pl. 27, fig. 58, *nom. illeg.,* non (J.E.Smith) C.Agardh (1817).

Ceramothamnion japonicum (Okamura) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104007
Basionym: *Ceramium japonicum* Okamura 1896: 38, pl. 3: figs 24–28.
Homotypic synonym: *Stirkia japonica* (Okamura) Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 28.

Ceramothamnion julieae (A.Millar & P.G.Richards) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104008
Basionym: *Ceramium julieae* A.Millar & P.G.Richards in Millar 2002: 494, figs 1–12 (as '*juliae*').
Homotypic synonym: *Stirkia julieae* (A.Millar & P.G.Richards) (as A.Millar) Barros-Barreto & Maggs in Barros-Barreto & al. 2023b: [2].

Ceramothamnion pacificum (Collins) M.J.Wynne & C.W.Schneider, *comb. nov.*

PhycoBank registration: http://phycobank.org/104009
Basionym: *Ceramium rubrum* var. *pacificum* Collins 1913: 125.
Homotypic synonym: *Stirkia pacifica* (Collins) Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 28.

Ceramothamnion riosmenae (B.Y.Won & T.O.Cho) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104010
Basionym: *Ceramium riosmenae* B.Y.Won & T.O.Cho 2011: 290, figs 1–4.
Homotypic synonym: *Stirkia riosmenae* (B.Y.Won & T.O.Cho) Barros-Barreto & Maggs in Barros-Barreto & al. 2023b: [2].

Ceramothamnion sinicola (Setchell & N.L.Gardner) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104011
Basionym: *Ceramium sinicola* Setchell & N.L.Gardner 1924: 773, pl. 25: figs 40, 41; pl. 75.
Homotypic synonym: *Stirkia sinicola* (Setchell & N.L.Gardner) Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 29.

Ceramothamnion vagans (P.C.Silva) M.J.Wynne & C.W.Schneider, *comb. nov.*
PhycoBank registration: http://phycobank.org/104012
Basionym: *Ceramium vagans* P.C.Silva in Silva & al. 1987: 56.
Homotypic synonym: *Stirkia vagans* (P.C.Silva) Barros-Barreto & Maggs in Barros-Barreto & al. 2023a: 29 (as '*vaga*').

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