

***Porina nuculastrum*** (Müll. Arg.) R. C. Harris

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***Clathroporina nuculastrum*** Müll. Arg., *Flora*, 67: 618 (1884). –*Verrucaria nuculastrum* (Müll. Arg.) Stizenb., *Ber. Thätigk. St. Gallisch. Naturw. Gesellsch.* 1889-1890: 210 (1891). Typus: Madagascar, Nosy Bé I. ('Nossi-bé'), on bark, [1879], *J. M. Hildebrandt* (Holotypus: G!; isotypus: FH!).

***Clathroporina elabens*** Müll. Arg., *Bot. Jahrb.* 6: 403 (1885). Typus: Cuba, on bark, 1856-1858, *C. Wright* (*Verrucariae Cubenses* 216; holotypus: G!; isotypus: UPS!).

***Clathroporina confinis*** Müll. Arg., *Bot. Jahrb.* 6: 403 (1885). Typus: Cuba, on bark, 1856-1858, *C. Wright* (*Verrucariae Cubenses* 23 'pr. p.'; holotypus: G!).

***Clathroporina chlorocarpa*** Müll. Arg., *Bull. Soc. bot. Belg.* 30: 90 (1891). Typus: Costa Rica, Baie de Salinas, on bark, 1890, *M. H. Pittier* 5332 (Holotypus: G!).

***Thelenella verruculosa*** Vainio, *Ann. Acad. Sci. Fennica*, ser. A, 15(6): 351 (1921). –*Clathroporina verruculosa* (Vainio) Zahlbr., *Cat. lich. univ.* 8: 111 (1931). Typus: Philippines, Luzon, Nueva Vazcaya, near Dupax, on bark, March-April 1912, *R. C. McGregor* (Holotypus: TUR-V 31051!).

***Polyblastiopsis floridana*** Fink ex Hedrick, *Mycologia* 25: 307 (1933). Typus: United States of America, Florida, on bark, ?*B. Fink* (Holotypus: MICH 2730!).

*Thallus* epiphloeodal, determinate, pale grey to grey-green or pale grey-brown, 40–80(–120)  $\mu\text{m}$  thick, sparingly to richly rimose, but not areolate, matt or slightly glossy (near the margins), heavily impregnated with crystals, remaining more-or-less adpressed to the substratum. *Surface* minutely or coarsely rugulose and/or verruculose, K–, becoming more intensely green when wetted. *Thallus* with a 4–10  $\mu\text{m}$  thick, prosoplectenchymatous cortex. *Algae Trentepohlia*, subglobose to globose, 6–12(–15)  $\times$  6–11  $\mu\text{m}$ . *Hyphae* 2–3  $\mu\text{m}$  wide. *Prothallus* blackish or not apparent.

*Perithecia* usually very numerous, entirely immersed in hemispherical, thallus-dominated, (0.44–)0.68(–0.92) mm diam. verrucae. *Perithecial* apex plane to concave. *Ostiole* inconspicuous, at the centre of a medium grey-brown to dark brown, (0.08–)0.1–0.16(–0.22) mm diam. depression. *Involucrellum* pale to medium brown to orange-brown, enclosing the excipulum. *Excipulum* pale brown to pale yellowish brown, c. 20  $\mu\text{m}$  thick. *Centrum* subglobose to globose, 0.3–54 mm diam. *Paraphyses* simple to very sparingly branched, c. 1  $\mu\text{m}$  thick. *Periphyses* simple to sparingly branched, 10–20(–30)  $\times$  1  $\mu\text{m}$ . *Asci* elongate-fusiform, with a rounded apex, 8-spored, 180–250  $\times$  30–50  $\mu\text{m}$ . *Ascospores* submuriform to muriform, with 9–12 transverse septa, each locus having (0–)1(–2) longitudinal or diagonal septa (in optical section), narrowly ellipsoid, to fusiform, irregularly biseriate in the asci, (49–)66.5(–95)  $\times$  (13–)19.5(–24)  $\mu\text{m}$  (172 measured); contents clear. Submature ascospores with a 2–3  $\mu\text{m}$  thick gelatinous sheath.

*Conidiomata* not seen.