

***Porina wolseleyae*** P. M. McCarthy

Typus: Thailand, Nakhon Nayok, Khao Yai National Park, Khao Kiew, near cliffs, c. 100 m below road to summit, alt. c. 1300 m, on deeply shaded semi-aquatic sandstone, 4 November 1997, *P. M. McCarthy T23/97* (Holotypus: CANB).

*Thallus* epilithic, effuse to determinate, non-rimose, matt to slightly glossy, ± smooth to minutely uneven, pale to medium grey-green, c. 20 µm thick, pulpy, translucent and deep green when wetted, ecorticate, K-. *Algae Trentepohlia*; cells 6–14 × 5–11 µm. Hyphae 2–3 µm wide. *Prothallus* not apparent. *Basal layer* absent.

*Perithecia* sparse to moderately numerous, solitary, superficial, subglobose, often attenuated at the base, dark grey-green to black, dull, often partly to almost completely overgrown by a 10–20 µm thick thalline layer. *Perithecial apex* usually rounded, occasionally somewhat flattened or pointed; ostiole inconspicuous, frequently slightly paler than the surrounding involucrellum. *Involucrellum* green-black in thin section, lacking a purple tone, but becoming somewhat reddish in K, contiguous with the excipulum, incurved at the base but not completely enclosing it, (0.23–)0.31(–0.41) mm diam. [22], 20–30 µm thick at the apex, 25–40 µm thick at the base. *Centrum* subglobose, 0.17–0.27 mm diam. *Excipulum* uniformly dark greenish brown, 20–25 µm thick. *Subhymenium* 20–40 µm thick. *Paraphyses* simple to sparingly branched, c. 1 µm wide. *Periphyses* absent. *Asci* elongate-cylindrical to elongate-obclavate, 130–155 × 21–27 µm [16], with a subtruncate to rounded apex and a distinct, apical chitinoid ring (in Congo Red). *Ascospores* (5–)7(–9)-septate, broadly fusiform to fusiform-cylindrical, straight to faintly sigmoid, with subacute apices and a 1 µm thick wall, irregularly biseriate in the asci, or in a 2–3–2–1 formation (from base to apex), (28–)37.5(–56) × (8–)10(–12) µm [100], lacking a perispore; contents clear to guttulate.

*Conidiomata* not seen.

*Porina wolseleyae* inhabits deeply shaded, semi-aquatic sandstone in a seasonal creek running through montane rainforest in Khao Yai National Park, north-eastern Thailand.