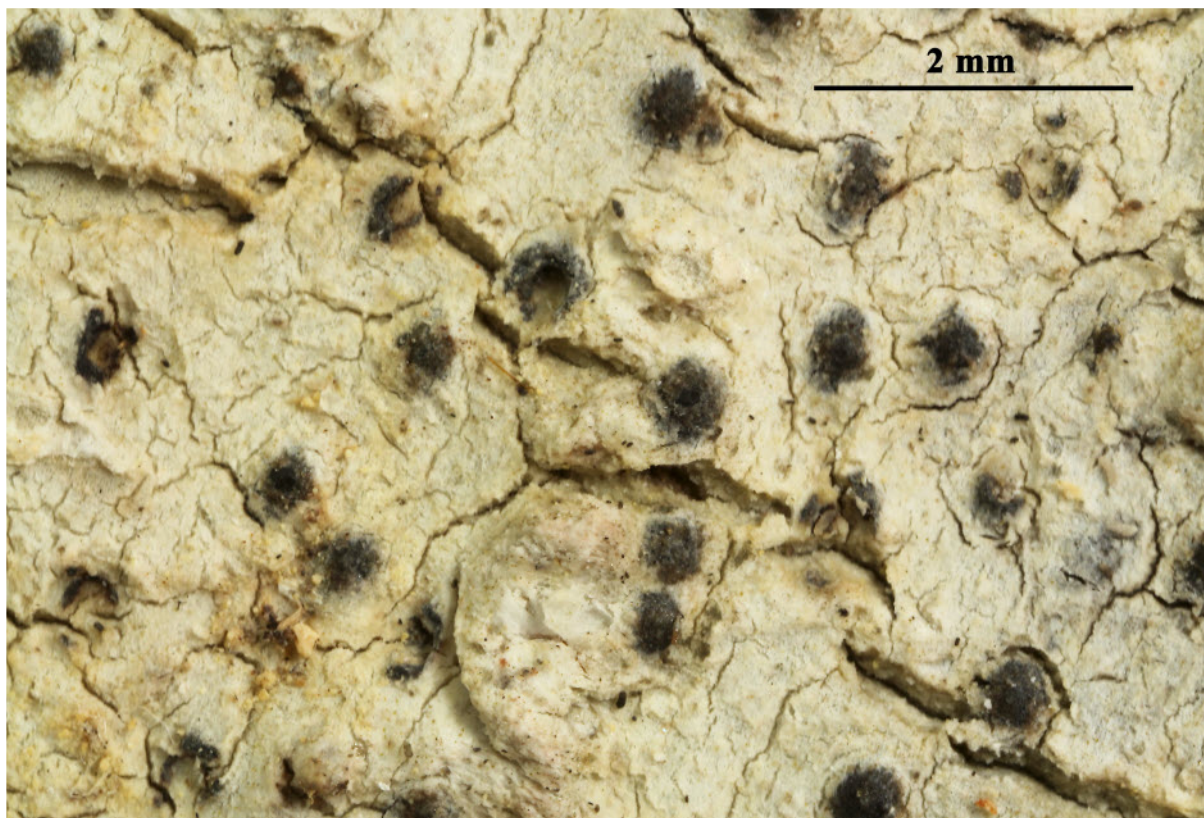


Pyrenula xanthinpersa Aptroot & M. Cáceres, in Aptroot, Sipman, Mercado Diaz, Mendonça, Feuerstein, Cunga-Dias, Pereira & Cáceres, Lichenologist 50(1): 82 (2018)

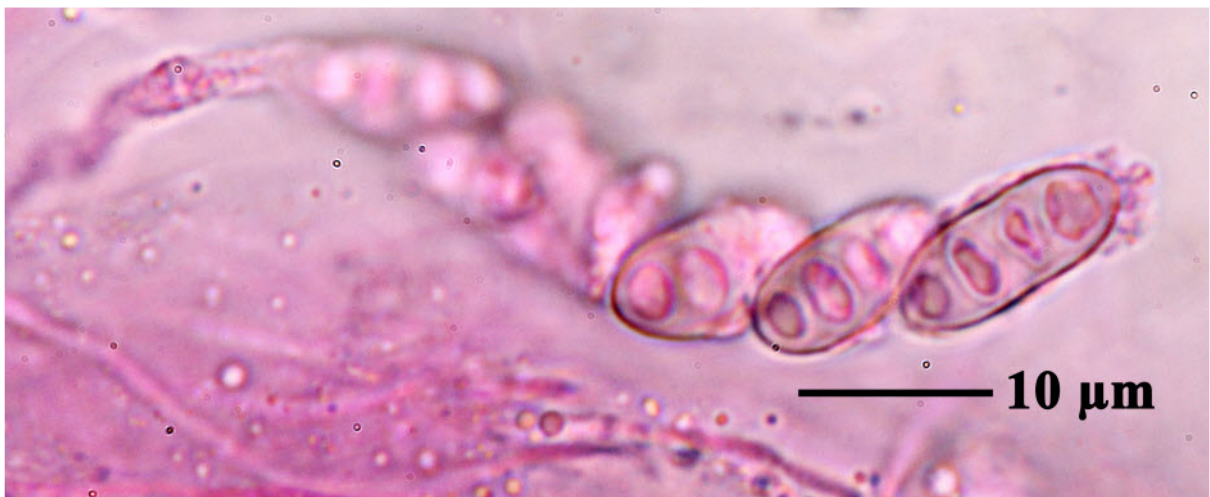
Thallus not corticate, dull, continuous, thin, pale creamish, without pseudocyphellae or pockets of crystals; algae trentepohlioid. Ascomata perithecioid, simple, dispersed, low hemispherical, emergent to superficial, 0.3–0.5 mm diam., black, without thallus covering. Wall more or less equally carbonized, without crystals, c. 40 μm thick. Ostioles apical, black. Hamathecium hyaline, not interspersed with oil droplets. Asci cylindrico-clavate, with 8 irregularly arranged ascospores. Ascospores brown, 3-septate, broadly fusiform, without constrictions, 14–17 x 6.0–7.5 μm , ends rather pointed; lumina often diamond-shaped, terminal lumina separated from the end wall by an endospore layer. Pycnidia not observed. Chemistry: Thallus UV+ yellow, with lichexanthone.

[ISE28435], Brazil, Amazonas, Manaus, Reserva Florestal Ducke, along trails in vicinity of field station, 80 m, 2°56' S, 59°57' W, on tree bark in primary rainforest. Leg. M. Cáceres & A. Aptroot (no 28435), 3–8.06.2016, det. A. Aptroot, 2016. ISOTYPE.

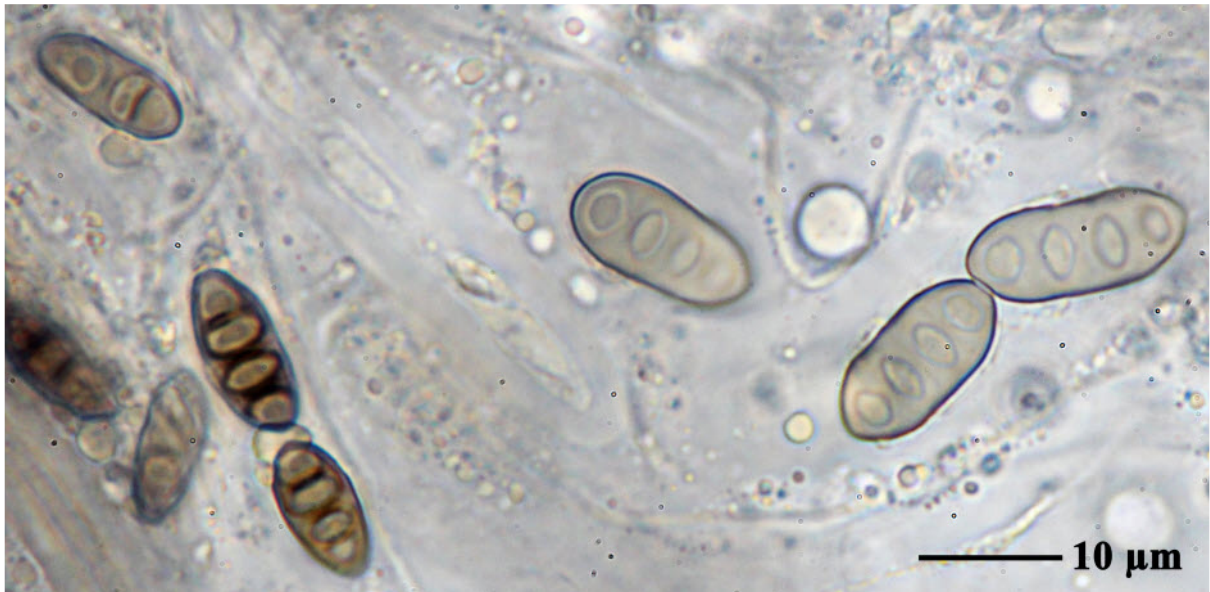
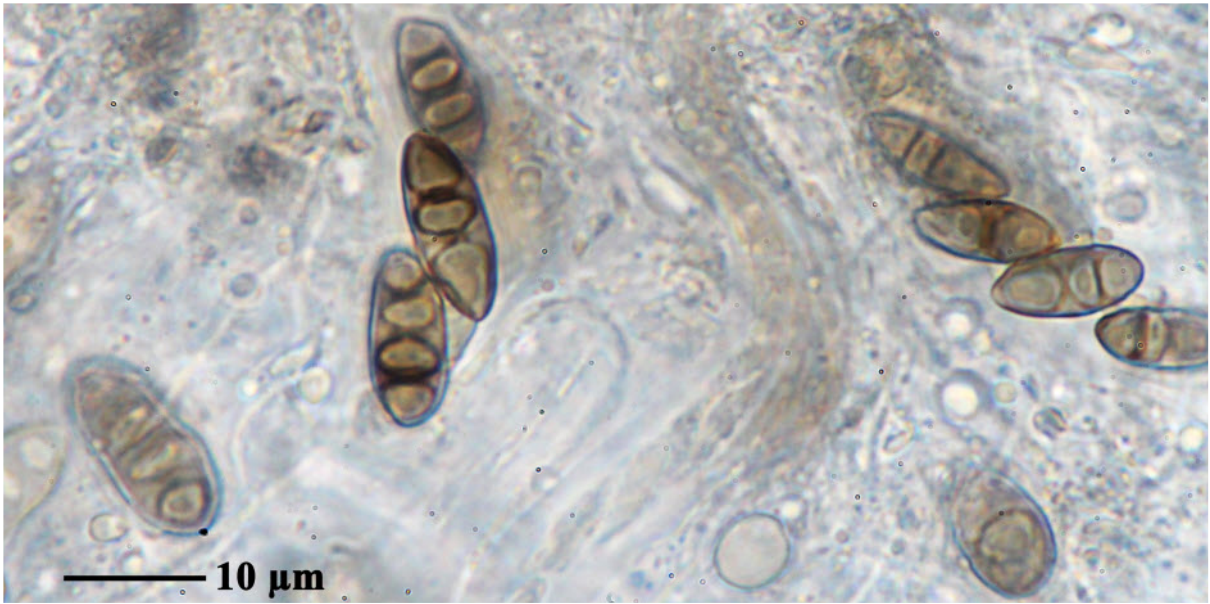




Pyrenula xanthinpersa



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