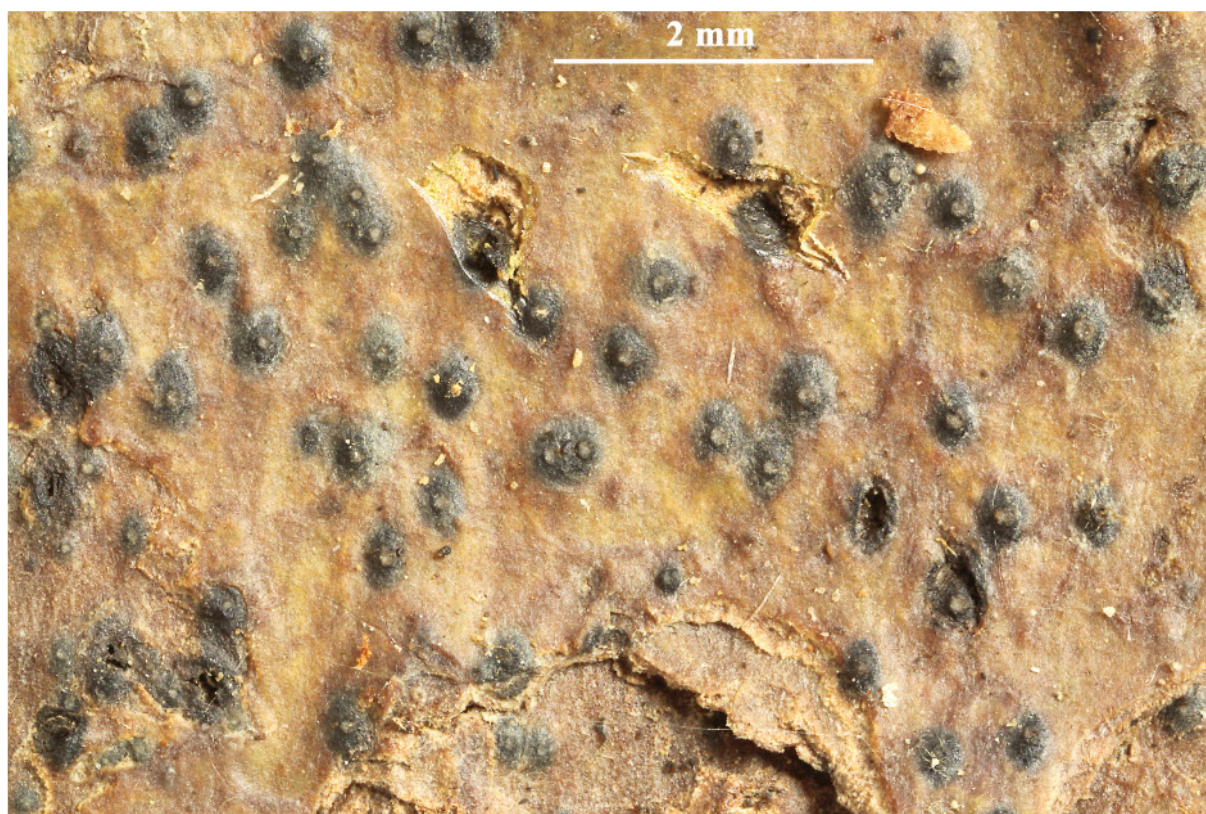


*Pyrenula biseptata* Aptroot & M. Cáceres, in Aptroot, Sipman, Mercado Diaz, Mendonça, Feuerstein, Cungy-Diaz, Pereira & Cáceres, Lichenologist 50(1):78 (2018)

Thallus corticate, smooth, continuous, thin, dark brown, without pseudocyphellae or pockets of crystals; algal cells trentepohlioid. Ascomata perithecioid, simple, dispersed, flat conical, superficial, often elongated, 0.2-0.4 mm diam., black, without thallus covering. Wall more or less equally carbonized, without crystals, 50  $\mu\text{m}$  thick. Ostioles apical, brown. Hamathecium hyaline, heavily inspersed with oil droplets. Asci cylindrico-clavate, with 8 irregularly arranged ascospores. Ascospores brown, 2-septate, long ellipsoid, without constrictions, 11-12(-13.5) x (4.0-)4.5-5.0  $\mu\text{m}$ , ends rounded; lumina rounded to diamond-shaped, terminal lumina separated from the end wall by an endospore layer. Pycnidia not observed. Chemistry: No secondary lichen substances detected.

[ISE40367], Brazil, Pará. Fazenda Pantera, 85 km N of Dom Eliseu, in primary tropical lowland rain forest on bark of tree. 3°49'54" S, 48°03'37" W, leg. M. Cáceres & A. Aptroot (no 40367), 20.10.2016, det. A. Aptroot, 2016. ISOTYPE.

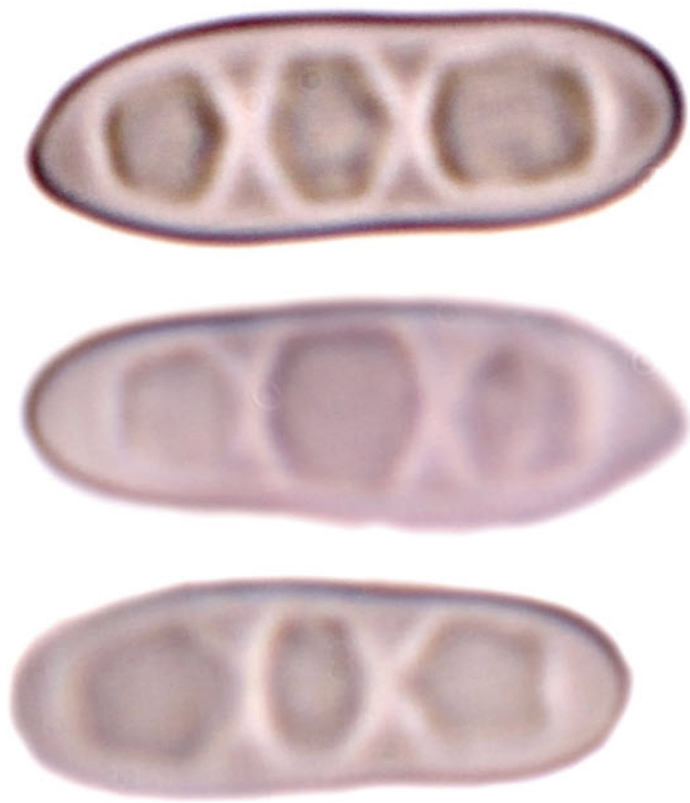






*Pyrenula biseptata*





— 10  $\mu\text{m}$