

№ 65

Peniophorella cylindrocystidiata

Figures 1–4

Hyphoderma cylindrocystidiatum Boidin & Gilles 1991 [1 : 107] \equiv *Peniophorella cylindrocystidiata* (Boidin & Gilles) K.H. Larss. 2007 [2 : 191]

Basidiome (dry) effused, adherent, very thin, up to 0.05 mm thick.

Hymenophore smooth, pubescent for the projecting cystidia, whitish-grey, finely dotted by ochraceous-rosy spots.

Margin indistinct, thinning out.

Hyphal system monomitic; hyphae fibulate, 3–5 μm , thin-walled.

Cystidia of two kinds: 1) projecting, more or less cylindrical, sometimes slightly broadening toward the base, 40–70 (80) \times (6) 8–14 μm , with thin or thickening wall, becoming strongly encrusted; 2) enclosed, clavate, 20 \times 9–10 μm , with slightly thickening wall, with a resinous globule at apex (halocystidia).

Basidia subcylindrical with a faint median compression, 11–25 \times 6–8 μm ; 4 sterigmata.

Basidiospores ellipsoid to subcylindrical with a flattening or slightly depressed adaxial side, 7–9.5 (10) \times 4–5 μm , Q = 1.6–2.1, smooth, thin-walled.

Chemical reactions: IKI–; CB–

Specimens examined

REUNION – [Unknown locality], on wood, leg. G. Gilles, 5.V.1997 (GG 97034, em-6083)



Fig. 1: Dried basidiome. Image width = 11 mm [em-6083]

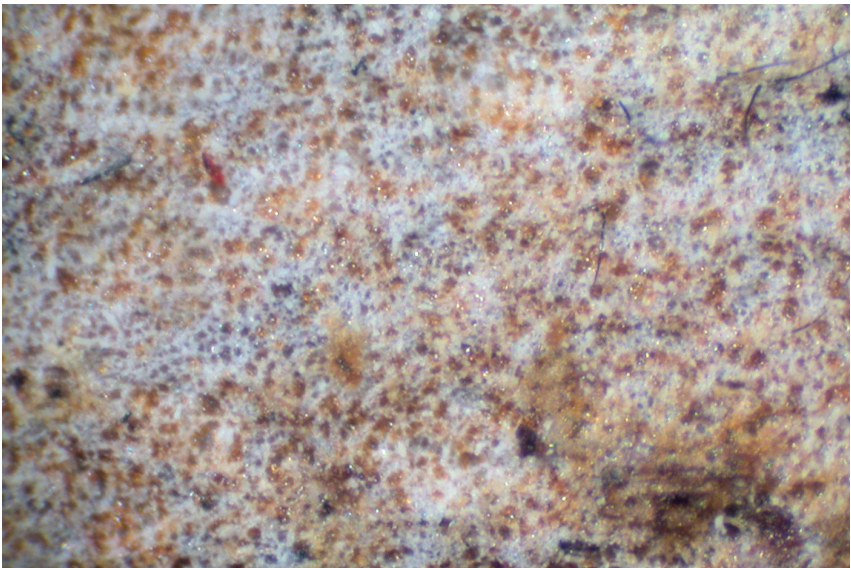


Fig. 2: Hymenial surface dotted by resinous matter on cystidioles [em-6083]

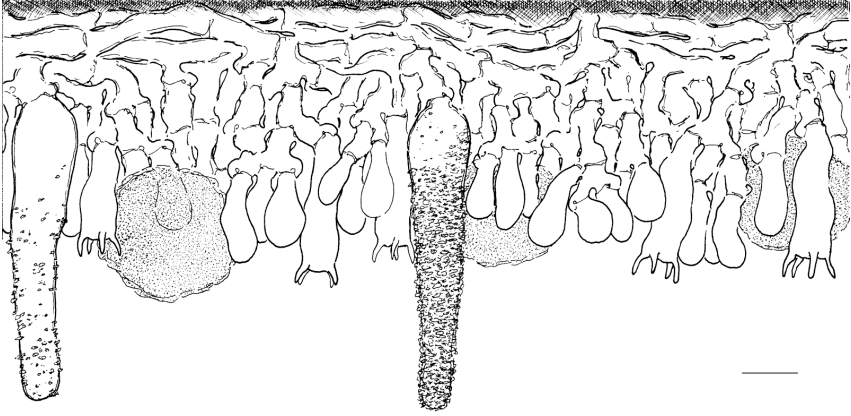


Fig. 3: Vertical section through the basidiome. Bar = 10 μm [em-6083]

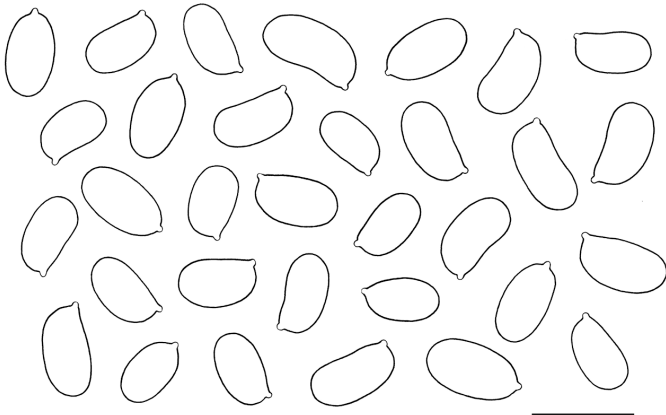


Fig. 4: Basidiospores. Bar = 10 μm [em-6083]

References

- [1] BOIDIN, J. AND GILLES, G. (1991). 'Basidiomycètes aphylophorales de l'île de la Réunion. XVI. Les genres *Hyphoderma*, *Hyphodermopsis*, *Chrysoderma* nov.gen. et *Crustoderma*'. *Cryptogamie, Mycologie*, 12 (2): 97–132
- [2] LARSSON, K.-H. (2007). 'Molecular phylogeny of *Hyphoderma* and the reinstatement of *Peniophorella*'. *Mycological Research*, 111 (2): 186–195. DOI: <http://dx.doi.org/10.1016/j.mycres.2006.10.002>



Excerpts from *Crusts & Jells*

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