

№ 60

Suillosporium cystidiatum

Figures 1–4

Pellicularia cystidiata D.P. Rogers 1943 [6 : 101] \equiv *Suillosporium cystidiatum* (D.P. Rogers) Pouzar 1958 [5 : 31] \equiv *Botryobasidium cystidiatum* (D.P. Rogers) Jülich 1979 [4 : 334]

Basidiome effused, adherent, pubescent, finely porulose to almost continuous, pale grey, about 50 μm thick.

Margin fertile throughout, pruinose.

Hyphal system monomitic; hyphae with small clamps at the septa. Subhymenial hyphae short-celled, frequently isodiametric, (4) 5–8 (10) μm in diam., thin-walled, hyaline. Subicular hyphae much thinner, regular and with spaced septa, 2–2.5 μm wide, with thin or thickening wall, hyaline.

Cystidia numerous, cylindrical or slightly obclavate, obtuse, 50–120 \times 6–9 μm , with one or more clamped septa, thin-walled, hyaline.

Basidia subglobose to obconical, 11–20 (22) \times 9–12 μm , with a fibulate basal septum; 4 sterigmata up to 5 μm long.

Basidiospores navicular or subfusoid to narrowly amygdaliform, (8.5) 10–13 (14.5) \times (3.5) 4–4.8 (5.2) μm , $Q = 2.3$ –2.9, smooth, with slightly thickening wall (0.3 μm), hyaline; content with pale yellowish guttulae.

Chemical reactions: IKI–; CB: all elements slightly cyanophilous.

Incrustation: crystals elongated, plate-like, frequent on cystidia.

Voucher specimens

SWITZERLAND — **Ticino** – Bignasco, Ganne, on wood of a lying, decayed trunk of a coniferous tree, leg. E. Martini, 5.VII.2014 (em-12176) – Piano di Peccia, PISOI, on wood of a lying, strongly decayed trunk of a coniferous tree, leg. E. Martini, 1.VII.2015 (em-12593) – San Carlo, Campo (Valle Bavona), on wood of a lying, strongly decayed trunk of *Larix decidua*, leg. E. Martini, 29.V.2003 (em-8312)



Fig. 1: Basidiome. Image width = 33 mm [em-12176]



Fig. 2: Detail of the hymenophore and margin. Image width = 9 mm [em-12176]

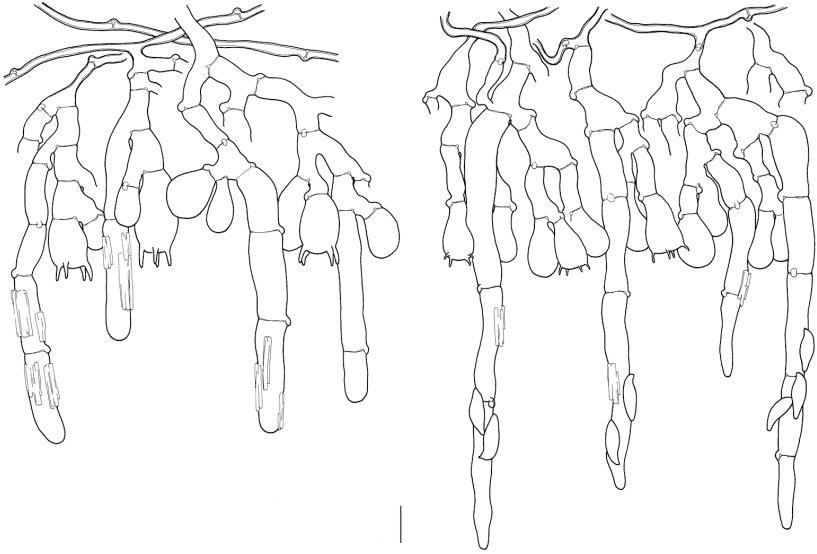


Fig. 3: Vertical section of basidiomes. Left ex em-8312; right ex em-12176. Bar = 10 μm [em-12176]

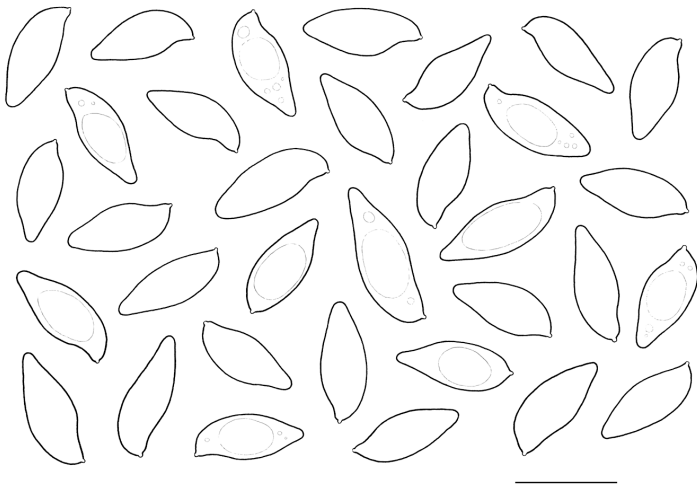


Fig. 4: Basidiospores. Bar = 10 μm [em-12176]

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Excerpts from *Crusts & Jells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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