

Sistotrema coroniferum

Figures 1–8

Gloeocystidium coroniferum Höhn. & Litsch. 1907 [5 : 825] ≡ *Corticium coroniferum* (Höhn. & Litsch.) Sacc. & Trotter 1912 [9 : 402] ≡ *Trechispora coronifera* (Höhn. & Litsch.) D.P. Rogers & H.S. Jacks. 1943 [8 : 282] ≡ *Sistotrema coroniferum* (Höhn. & Litsch.) Donk 1956 [3 : 4]
= *Corticium atkinsonii* Burt 1926 [2 : 208] teste Rogers [7]

Basidiome effused, adherent, soft membranaceous, up to 0.1 (0.2) mm thick.

Hymenial surface porulose, finely tufted to continuous and smooth, whitish to pale yellow when dry.

Margin indistinct, indefinitely thinning out, pruinose.

Hyphal system monomitic; all hyphae with fibulate primary septa, often filled by small drops and irregular-sinuuous strands with subhyaline to light yellowish oily content; subhymenial 2–4 (5) μm in diam.; subicular 3–6 μm wide.

Gloeocystidia irregularly cylindrical, 30–80 \times 4.5–6.5 μm , thin-walled, normally with refractive yellowish oily content.

Basidia urniform, 16–24 \times 3.5–4.5 (top) \times 5–7 μm (base); mostly with 6 sterigmata up to 3 μm long.

Basidiospores ellipsoid, narrowly ellipsoid, subcylindrical, subballantoid in side view, 4.8–5.8–7 \times 2–2.4–2.8 μm , Q = 2.1–2.5–2.8, smooth, thin-walled, hyaline to pale yellow.

Anamorphic state: *Burgoa sp.*, present as small colonies of bulbils over the hymenium, light ochre to brown, globose, subglobose, rarely elongated, up to 80 (100) μm across, built up by tightly packed angular cells already when young, 8–15 (20) μm across; wall 0.3–1 μm thick, yellow to ochraceous; content granular, oleous, hyaline to pale yellow.

Bulbils are the same as those of *S. coronilla*.

Chemical reactions: IKI–; holomorph CB–; walls of bulbils CB+, at



Fig. 1: Dried basidiome. Image width = 22 mm [em-3356]

least when young and less pigmented.

Incrustation: some rather big prismatic hyaline crystals in context.

Specimens examined

SWITZERLAND — **Ticino** – Mondada, Gramusèd (Valle Bavona), on bark of a lying, decayed branch of *Tilia cordata*, leg. E. Martini, 14.XI.1992 (em-3356)



Fig. 2: Dried basidiome. Image width = 9.5 mm [em-3356]

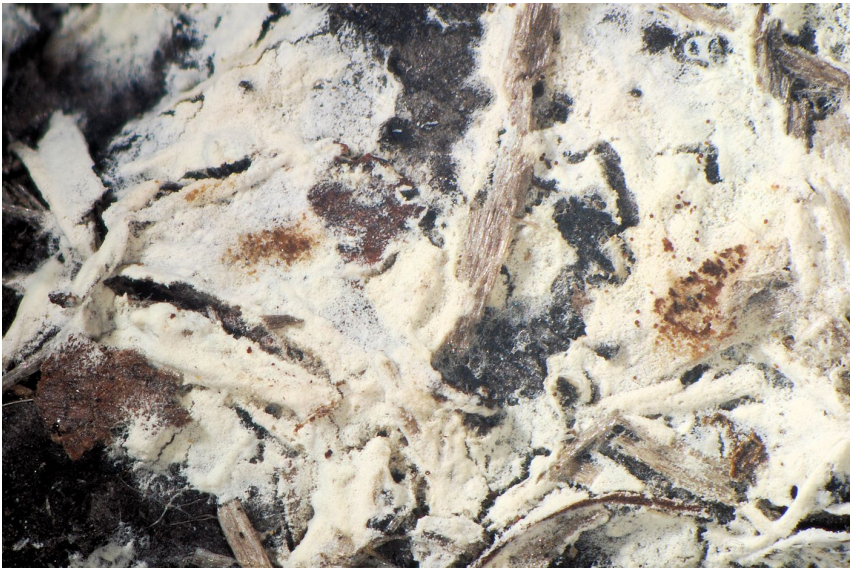


Fig. 3: Two colonies of bulbils over the hymenium. Image width = 9.5 mm [em-3356]

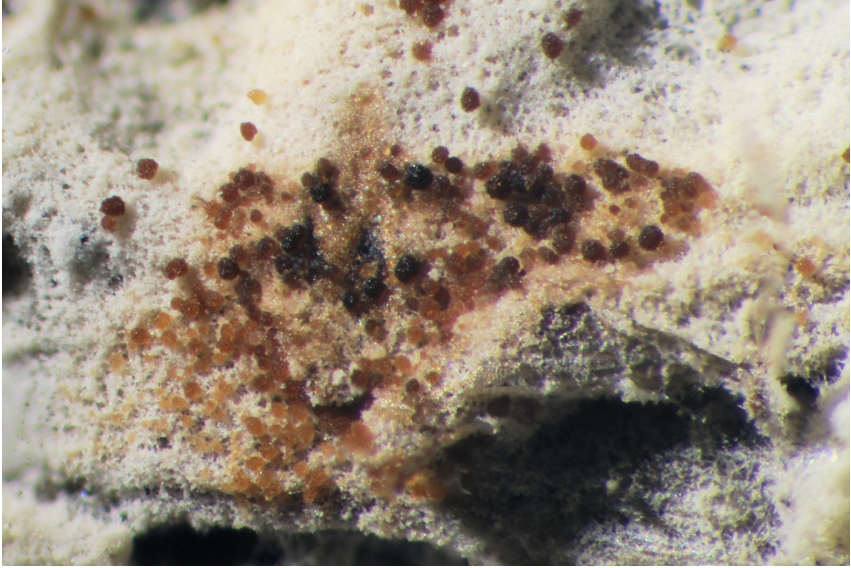


Fig. 4: Bulbils over the hymenium. Image width = 1.6 mm [em-3356]

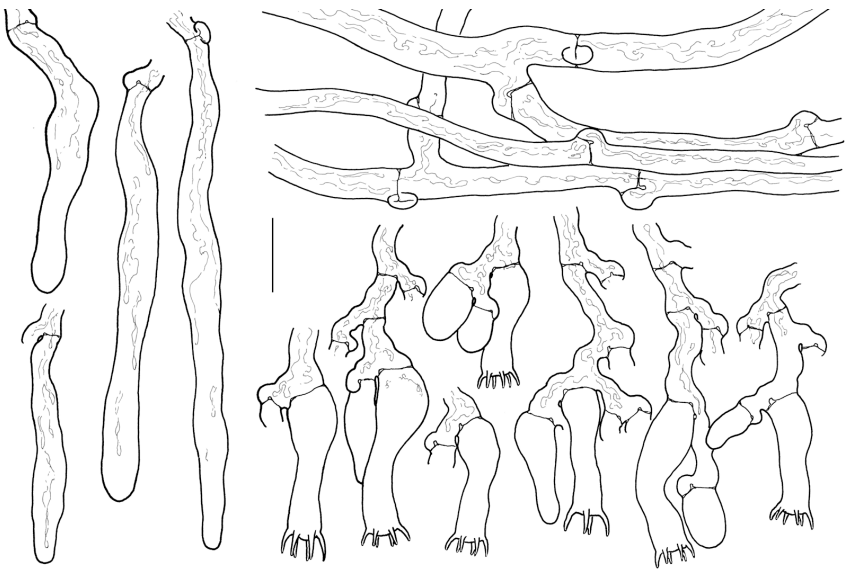


Fig. 5: Gloeocystidia, basidia, subhymenial and subicular hyphae. Bar = 10 μ m [em-3356]

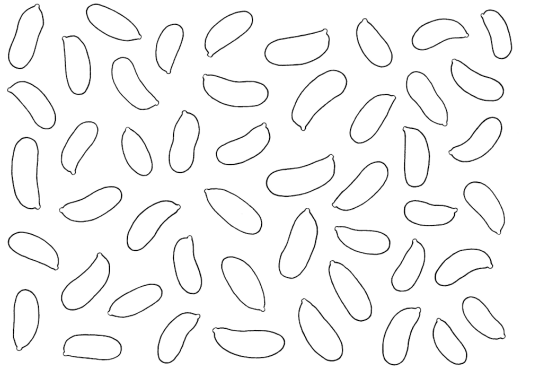


Fig. 6: Basidiospores. Bar = 10 μm [em-3356]

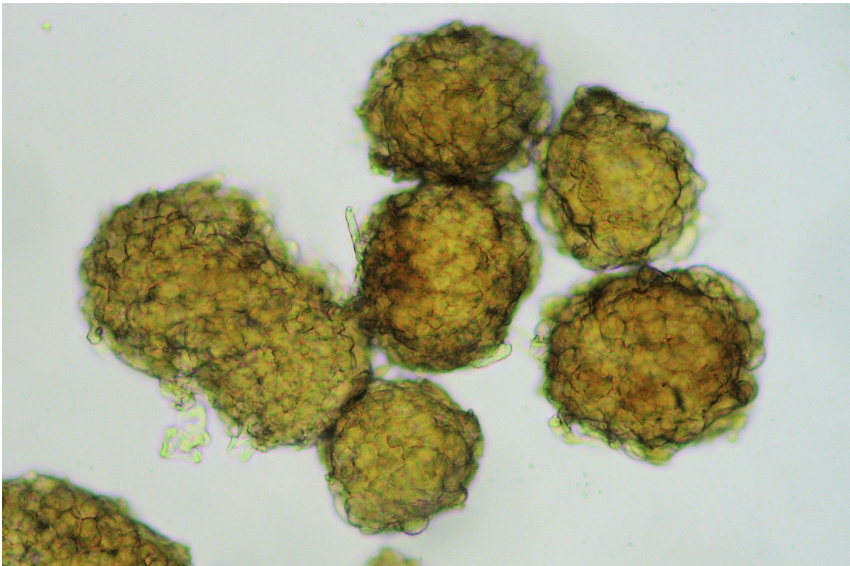


Fig. 7: Bulbils [em-3356]

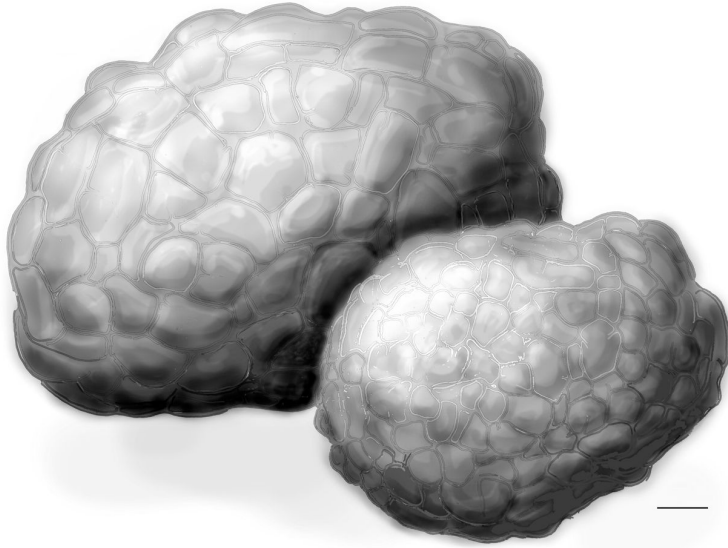


Fig. 8: Bulbils. Bar = 10 μ m [em-3356]

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Excerpts from *Crusts & Jells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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