

№ 87

Naohidea sebacea

Figures 1–5

Dacrymyces sebaceus Berk. & Broome 1871 [1 : 430] \equiv *Platygløea sebacea* (Berk. & Broome) McNabb 1965 [3 : 188] \equiv *Achroomyces sebaceus* (Berk. & Broome) Wojewoda 1977 [7 : 243] \equiv *Naohidea sebacea* (Berk. & Broome) Oberw. 1990 [4 : 114]

= *Platygløea miedzyrzecensis* Bres. 1903 [2 : 113] teste McNabb [3]

Basidiome pustulate, pulvinate, becoming confluent, gelatinous, with somewhat sticky, mucilaginous content, up to 2 (2.5) mm thick whitish or diaphanous beige to pale yellowish, drying as a visible yellow-ochraceous corneous film or crust, growing over pyrenomycetous stromata.

Hyphal system monomitic; all hyphae regular, with spaced fibulate septa, 1–3 μ m in diam., thin-walled or basally with thickening wall, hyaline.

Cystidia absent.

Probasidia absent.

Basidia narrowly clavate when immature, then cylindrical with a long stalk, 70–130 (170) \times 4.5–6 (7.5) μ m; at maturity with four sterigmata up to 20 (50) μ m long.

Basidiospores subamygdaliform to ellipsoid with a flattening adaxial side in lateral view, broadly ellipsoid to ovoid in frontal view, (7) 8–11 (12) \times (5) 5.5–7 μ m, thin-walled, hyaline, repetitive. In spore print producing numerous subglobose conidia (endospores?) 2–3.5 (4) μ m across.

Chemical reactions: CB–; IKI–.

Incrustation: none.

Comments

McNabb [3] and Olive [5] report larger conidia: $2.5\text{--}6.5 \times 2.5\text{--}5.5\text{ }\mu\text{m}$; Pilát [6] even more: $2\text{--}9\text{ }\mu\text{m}$.

Oberwinkler [4] reports conidia to be occasionally produced by basidia and endogenously by basidia and segments of hyphae, features that I was unable to observe with certainty. However, in spore print these bodies are present in clusters around spores. No point of attachment is visible in phase contrast microscopy at $\times 1600$ and most spores have similar ‘drops’ inside the wall but I found no evidence that these are ‘conidia’ produced endogenously and not oil drops.

Specimens examined

SWITZERLAND — **Ticino** – Bignasco, Ganne, on bark of a standing, hard branch of *Castanea sativa* (on Pyrenomycete), leg. E. Martini, 19.VIII.2015 (em-12638)

References

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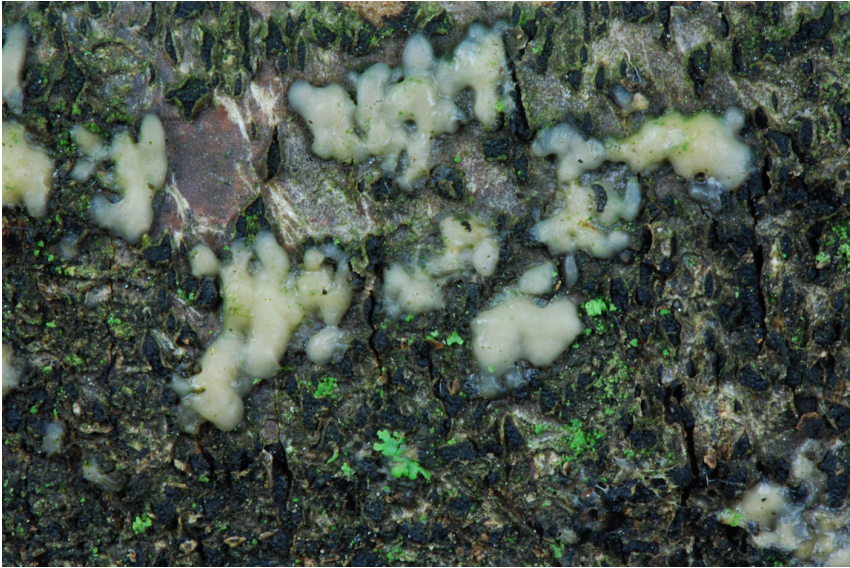


Fig. 1: Basidiomes. Image width = 32 mm [em-12638]



Fig. 2: Basidiome. Image width = 9 mm [em-12638]

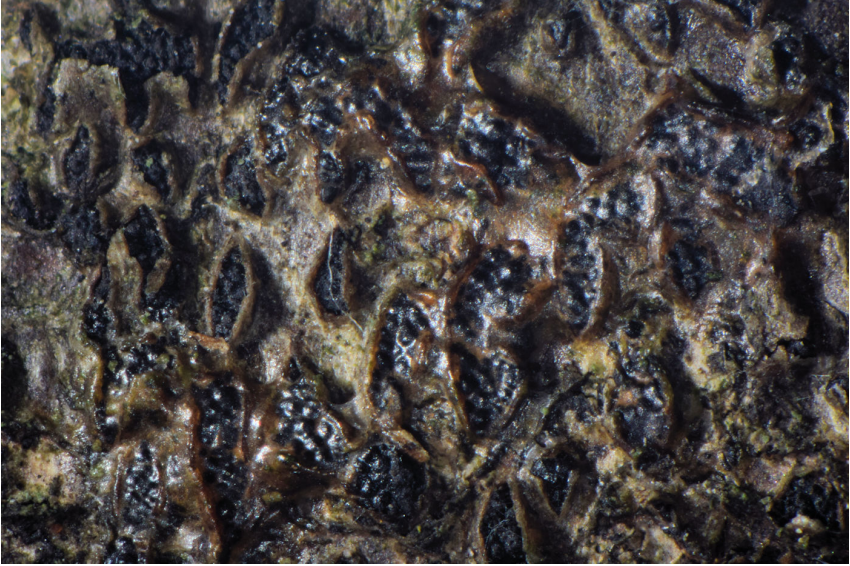


Fig. 3: Dried basidiome. Image width = 9 mm [em-12638]

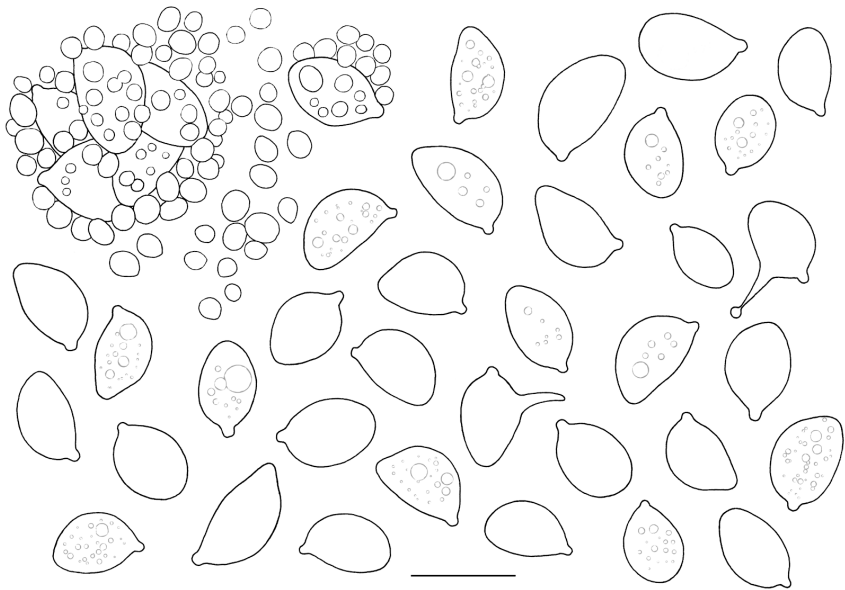


Fig. 4: Basidiospores from spore-print. Bar = 10 μm [em-12638]

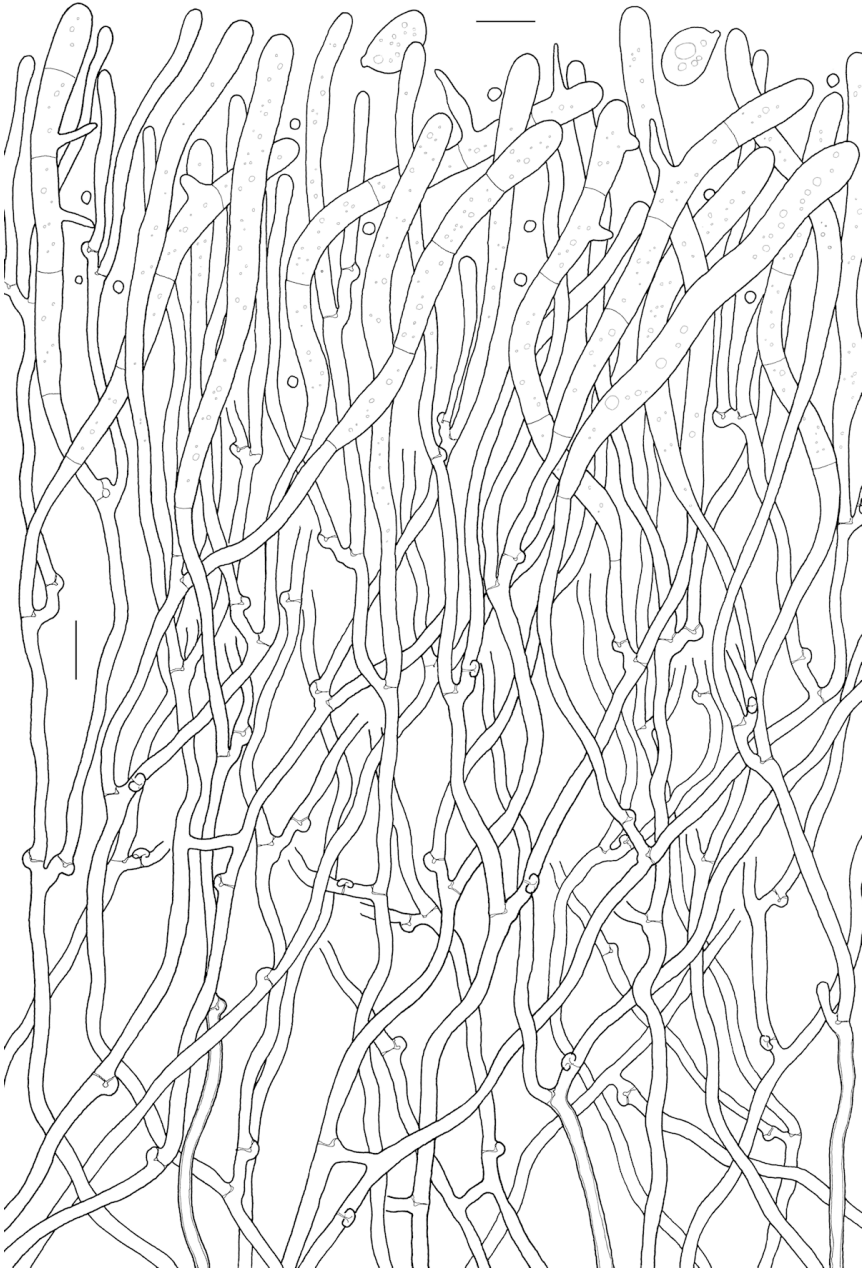


Fig. 5: Vertical section of hymenium and context. Bar = 10 μm [em-12638]



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