

№ 59

Aphanobasidium subnitens

Figures 1–5

Corticium subnitens Bourdot & Galzin 1928 [2 : 224] \equiv *Xenasma subnitens* (Bourdot & Galzin) Liberta 1962 [5 : 910] \equiv *Xenasmatella subnitens* (Bourdot & Galzin) Oberw. 1965 [6 : 30] \equiv *Aphanobasidium subnitens* (Bourdot & Galzin) Jülich 1979 [4 : 326] \equiv *Phlebiella subnitens* (Bourdot & Galzin) K.H. Larss. & Hjortstam 1987 [3 : 317]

Basidiome effused, smooth, continuous, very thin, up to 30 (50) μm , watery whitish-grey to pale yellowish brown.

Margin indistinct, thinning out, pruinose.

Hyphal system monomitic; all hyphae with fibulate primary septa, indistinct, agglutinate, irregular, 1.5–3 μm in diam., thin-walled, hyaline.

Cystidia absent.

Basidia (pleurobasidia) short cylindrical, 10–15 \times 5–6 μm , normally bi-rooted, fibulate at the basal septum, hyaline; 4 sterigmata up to 3.5 μm long.

Basidiospores ovoid to ellipsoid, often broader at the base, 5.7–7 (7.4) \times 3–4 μm , $Q = 1.5$ –2, smooth, sometimes with slightly thickening wall, hyaline.

Chemical reactions: IKI–; CB–

Incrustation: some specimens with prismatic crystals in context.

Voucher specimens

FRANCE — **Rhône** – St. Vincent, Bois Bouchat, on wood of a lying, decayed trunk of *Pinus sylvestris*, leg. E. Martini, 15.X.2015 (em-12709) — **Seine-et-Marne** – Forêt de Fontainebleau, Gorge aux Loups, parcelle 527, on wood of a lying, decayed trunk of *Pinus sp.*, leg. E. Martini, 31.X.2006 (em-9452) – Forêt de Fontainebleau, La Solle, parcelle 253, on wood of a lying, rather hard branch of *Fagus sylvatica*, leg. E. Martini, 30.X.2006 (em-9454)



Fig. 1: Basidiome. Image width = 22 mm [em-11040]

SWITZERLAND — **Ticino** – Bignasco, Vâlà, on bark of a lying, decayed trunk of *Castanea sativa*, leg. E. Martini, 9.V.2010 (em-11040)

References

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- [5] LIBERTA, A.E. (1960). ‘A taxonomic analysis of section *Athele* of the genus *Corticium* I. Genus *Xenasma*’. *Mycologia*, 52 (6): 884–914. DOI: <http://dx.doi.org/10.2307/3755850>. URL: <http://www.cybertruffle.org.uk/cyberliber/59350/index.htm>
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Fig. 2: Dried basidiome. Image width = 9 mm [em-11040]



Fig. 3: Dried basidiome. Image width = 9 mm [em-9454]

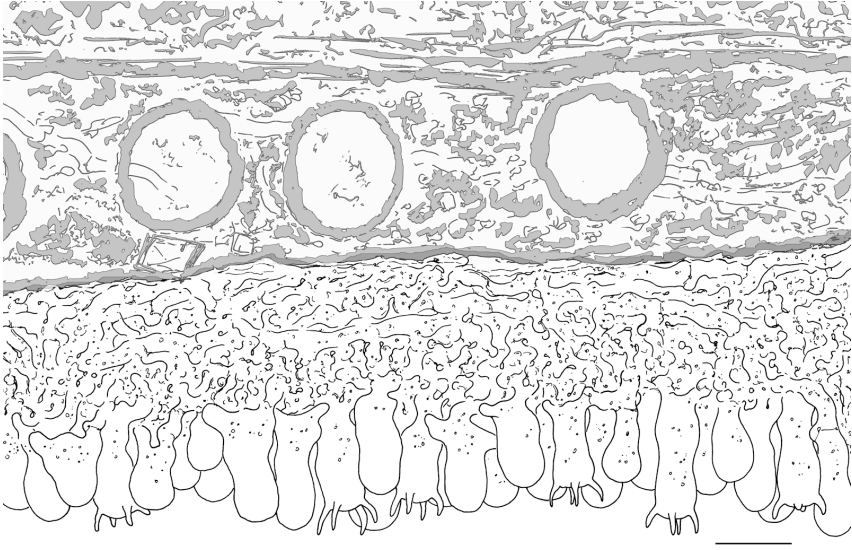


Fig. 4: Vertical section through the basidiome and substrate. Bar = 10 μm [em-9454]

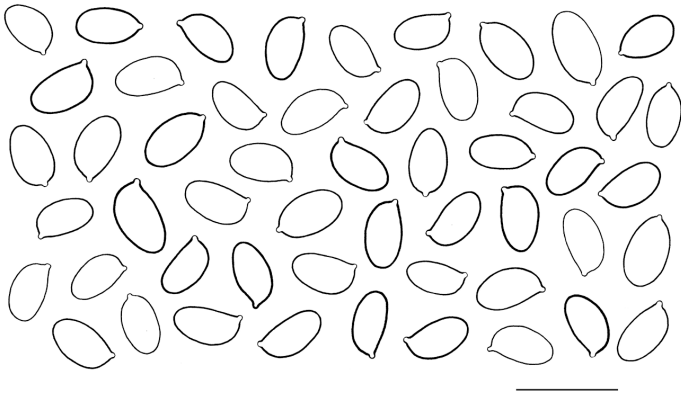


Fig. 5: Basidiospores. Bar = 10 μm [em-9454]



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Authored and published by

ELIA MARTINI
Via ai Ciòss 21
CH-6676 Bignasco
Switzerland

Email: emart@aphyllo.net
<http://www.aphyllo.net>



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