

Xenasmatella cinnamomea

Figures 1–4

Lazulinospora cinnamomea Burds. & Nakasone 1981 [1 : 464] (CFMR!) ≡
Phlebiella cinnamomea (Burds. & Nakasone) Hjortstam 1995 [2 : 190] ≡
Xenasmatella cinnamomea (Burds. & Nakasone) Stalpers 1996 [3 : 37]

Basidiome effused, adherent to separable, when dry soft and brittle, up to 0.2 mm thick.

Hymenial surface reticulate, porulose, more or less discontinuous to rather smooth, yellowish brown to orange brown, becoming strong brown.

Subhymenium thin, compact.

Subiculum byssoid, hypochnoid to fibrous, strong brown, concolorous to darker than the hymenial surface.

Margin sterile or fertile throughout, indefinitely thinning out, araneose to byssoid or fimbriate, normally yellowish brown to light yellowish brown.

Rhizomorphs present, common, easily seen in subiculum and at the margin, often fan-like shaped.

Hyphal system monomitric; hyphae with all primary septa fibulate.

Subhymenial hyphae slightly irregular, short-celled, richly branched, 1.5–2.5 (3.5) μm wide, thin-walled, normally branching from clamps, smooth, hyaline.

Subicular hyphae regular or almost so, 2–3.5 μm in diam., thin-walled, relatively long-celled, often branching at some distance from septa, with simple unseptate anastomosis, hyaline to subhyaline.

Rhizomorphs simple to structured, at first built up by hyphae like subicular ones running more or less parallelly, soon with a differentiated core with broader cylindrical to sausage-shaped hyphae up to 10 μm in diam., thin-walled, hyaline.

Cystidia absent.

Basidia (pleurobasidia) short cylindrical to barrel-shaped, normally bi-rooted, rarely terminal, often slightly stalked, 10–15 \times 5–7 μm , hyaline to subhyaline; 4 sterigmata up to 2.5 (3) μm long.

Basidiospores ellipsoid in frontal view, subreniform in side view with a depressed and often smooth adaxial side, $3.5\text{--}4.0\text{--}4.5$ (5) \times $2\text{--}2.8\text{--}3.5$ μm , $Q = 1.2\text{--}1.45\text{--}1.9$ ($n = 50$), verrucose to bluntly echinulate, with thin or slightly thickening wall, subhyaline to pale yellowish; aculei less than 0.4 (0.6) μm long.

Chemical reactions: IKI–; CB–; KOH: basidiome darkening, subhymental and subicular hyphae sometimes becoming bluish, basidia sometimes turning bluish-black, spores becoming brownish to bluish or bluish-black.

Incrustation: crystals common on hyphae, from granular to more or less prismatic, hyaline to yellowish.

Specimens examined

FLORIDA – Woodyard Hammock, Tall timbers, Leon County, on bark of *Magnolia sp.*, leg. H.H. Burdsall Jr., 24.VII.1977, holotype of *Lazulinospora cinnamomea* Burds. & Nakasone (CFMR HHB 9511)

References

- [1] BURDSALL, H.H. AND NAKASONE, K.K. (1981). ‘New or little known lignicolous Aphylophorales (Basidiomycotina) from southeastern United States’. *Mycologia*, 73 (3): 454–475. DOI: <http://dx.doi.org/10.2307/3759599>. URL: <http://www.cybertruffle.org.uk/cyberliber/59350/index.htm>
- [2] HJORTSTAM, K. (1995). ‘Two new genera and some new combinations of corticioid fungi (Basidiomycotina, Aphylophorales) from tropical and subtropical areas’. *Mycotaxon*, 54: 183–193. URL: <http://www.cybertruffle.org.uk/cyberliber/59575/index.htm>
- [3] STALPERS, J.A. (1996). ‘The aphylophoraceous fungi II : Keys to the species of the Hericiales’. *Studies in Mycology*, (40): 1–185



Fig. 1: Basidiomes, holotype of *Lazulinospora cinnamomea* [CFMR HHB 9511]



Fig. 2: Dried basidiome, holotype of *Lazulinospora cinnamomea*. Image width = 8 mm [CFMR HHB 9511]



Fig. 3: Dried basidiome: margin, holotype of *Lazulinospora cinnamomea*. Image width = 8 mm [CFMR HHB 9511]

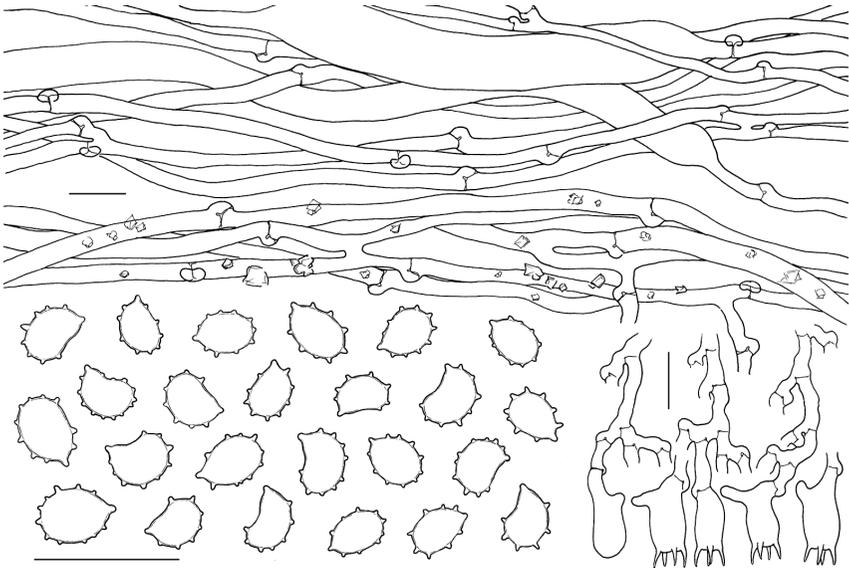


Fig. 4: Hyphae of rhizomorphs (top), subicular and subhymenial hyphae, basidia, basidiospores. Bar = 10 μ m [CFMR HHB 9511]



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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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