

## № 46

*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** monomitic; 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, 10–15×5–7 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,  $3.5\text{--}4.0\text{--}4.5$  ( $5$ ) $\times$  $2\text{--}2.8\text{--}3.5$   $\mu\text{m}$ ,  $Q = 1.2\text{--}1.45\text{--}1.9$  ( $n = 50$ ), verrucose to bluntly echinulate, with thin or slightly thickening wall, subhyaline to pale yellowish; aculei less than  $0.4$  ( $0.6$ )  $\mu\text{m}$  long.

**Chemical reactions:** IKI–; CB–; KOH: basidiome darkening, subhyemial 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 Aphyllophorales (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, Aphyllophorales) 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 aphyllophoraceous 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]

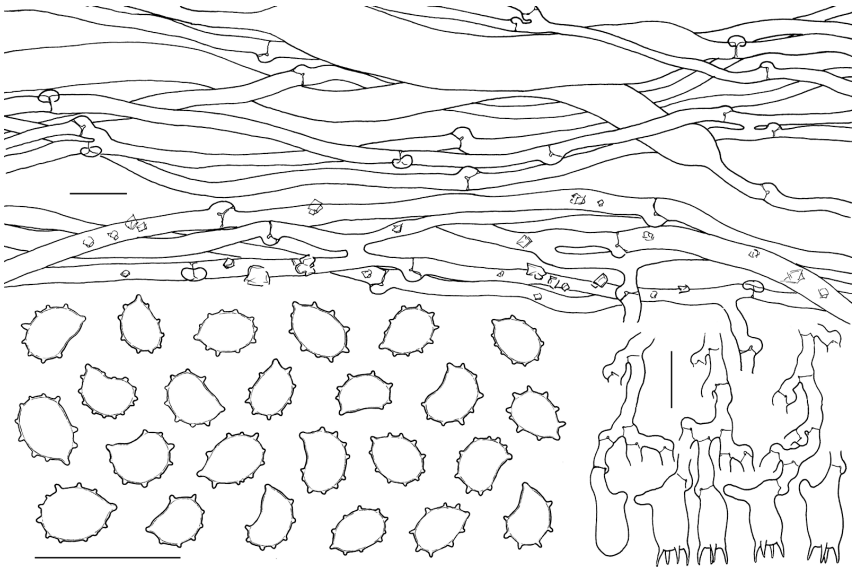


Fig. 4: Hyphae of rhizomorphs (top), subicular and subhymenial hyphae, basidia, basidiospores. Bar = 10  $\mu$ m [CFMR HHB 9511]



# Excerpts from *Crusts & Fells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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