

*Athelopsis lembospora*

Figures 1–4

*Corticium lembosporum* Bourdot 1910 [2 : 10] ≡ *Athelopsis lembospora* (Bourdot) Oberw. 1972 [8 : 3] ≡ *Luellia lembospora* (Bourdot) Jülich 1975 [5 : 292]

= *Corticium confusum* Bourdot & Galzin 1911 [3 : 250] teste Libertá [7]

**Basidiome** irregularly effused, loosely adherent to pellicular, up to 0.1 mm thick.

**Hymenial surface** continuous, smooth, white.

**Subiculum** very thin, loose.

**Margin** not differentiated, abrupt or very shortly thinning out, pruinose.

**Hyphal system** monomitic; all hyphae with fibulate primary septa, thin-walled, hyaline. Subhymenial hyphae compactly arranged, almost indistinct in older parts, 1.5–3.5 (5)  $\mu\text{m}$ . Subicular hyphae loosely arranged, regular with some segments slightly inflated or triangular, 1.5–2.5 (3.5)  $\mu\text{m}$ .

**Cystidia** none, but some rare hyphoid, tapering cystidioles, 17–24  $\times$  2.5–3  $\mu\text{m}$  at the base.

**Basidia** broadly clavate, shortly stalked, becoming repetitive with at the base a series of shortly spaced clamped cells and remnants of collapsed basidia, 12–20 (25)  $\times$  5.5–6.5  $\mu\text{m}$ ; 4 sterigmata up to 5  $\mu\text{m}$  long.

**Basidiospores** narrowly ellipsoid to subnavicular, broader toward the base, with a flattening to slightly concave adaxial side, (6.4) 6.8–9 (9.5)  $\times$  2.8–3.8 (4)  $\mu\text{m}$  [from spore print], thin-walled, hyaline, often glued in pairs or tetrad, with a prominent apiculus.

**Chemical reactions:** CB: hyphae slightly cyanophilous; IKI–

**Incrustation:** none or some sparse irregular crystals.

## Specimens examined

SWITZERLAND — **Ticino** – Val Piora, Mottone, on bark of a lying, rather hard twig of *Vaccinium myrtilillus*, leg. E. Martini, 29.VIII.2010 (em-11264)

## References

- [1] BERNICCHIA, A. AND GORJÓN, S.P. (2010). ‘Corticaceae s. l.’ *Fungi Europaei*, 12: 1008 p.
- [2] BOURDOT, H. (1910). ‘Corticés nouveaux de la Flore Mycologique de France’. *Revue Scientifique du Bourbonnais et du Centre de la France*, 23 (1): 1–15. URL: <http://www.biodiversitylibrary.org/item/50869#page/13>
- [3] BOURDOT, H. AND GALZIN, A. (1911). ‘Hyménomycètes de France, III. Corticiés: *Corticium*, *Epithele*, *Asterostromella*’. *Bulletin de la Société Mycologique de France*, 27 (2): 223–266. URL: <http://www.biodiversitylibrary.org/item/106665#page/263>
- [4] HJORTSTAM, K. AND RYVARDEN, L. (1979). ‘Notes on *Corticaceae* (Basidiomycetes), V’. *Mycotaxon*, 10 (1): 201–209. URL: <http://www.cybertruffle.org.uk/cyberliber/59575/index.htm>
- [5] JÜLICH, W. (1975). ‘Studies in resupinate Basidiomycetes. III’. *Persoonia*, 8 (3): 291–305
- [6] KOTIRANTA, H. AND SAARENOKSA, R. (2005). ‘The genus *Athelopsis* (Aphyllphorales, Corticaceae) in Finland’. *Annales Botanici Fennici*, 42: 335–342. URL: <http://www.sekj.org/PDF/anb42-free/anb42-335.pdf>
- [7] LIBERTA, A.E. (1961). ‘A taxonomic analysis of section *Athele* of the genus *Corticium*, II’. *Mycologia*, 53 (5): 443–450. DOI: <http://dx.doi.org/10.2307/3756302>. URL: <http://www.cybertruffle.org.uk/cyberliber/59350/index.htm>
- [8] OBERWINKLER, F. (1972). ‘The relationships between the Tremellales and the Aphyllphorales’. *Persoonia*, 7 (1): 1–16
- [9] RÖMER, N. AND MARTINI, E. (2012). ‘Funghi Basidiomiceti (Basidiomycetes s.l.) della Val Piora (Cantone Ticino, Svizzera) con descrizione di due nuove specie per la Svizzera’. *Memorie della Società Ticinese di Scienze Naturali*, 11: 127–132. URL: [http://www.aphyllo.net/app/docs/Mem-Soc-tic-Sci-Nat\\_2012\\_11\\_127-132\\_ROMER\\_MARTINI\\_Piora.pdf](http://www.aphyllo.net/app/docs/Mem-Soc-tic-Sci-Nat_2012_11_127-132_ROMER_MARTINI_Piora.pdf)
- [10] SALCEDO, I., SARRIONANDIA, E. AND OLARIAGA, I. (2006). ‘Contribution to the knowledge of the Aphyllphorales (Basidiomycota) of the Basque Country (Spain). V’. *Nova Hedwigia*, 82 (1-2): 81–90. DOI: <http://dx.doi.org/10.1127/0029-5035/2006/0082-0081>

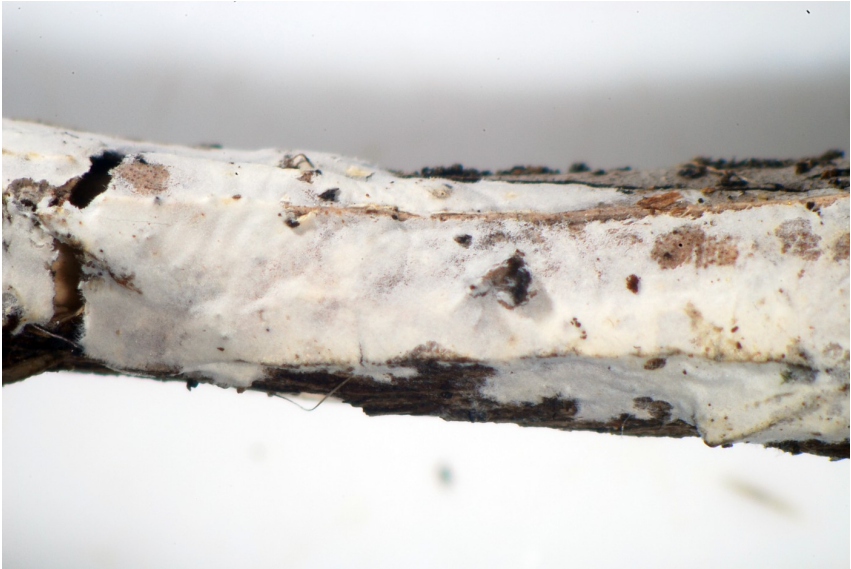


Fig. 1: Dried basidiome. Image width = 9 mm [em-11264]



Fig. 2: Dried basidiome. Image width = 9 mm [em-11264]

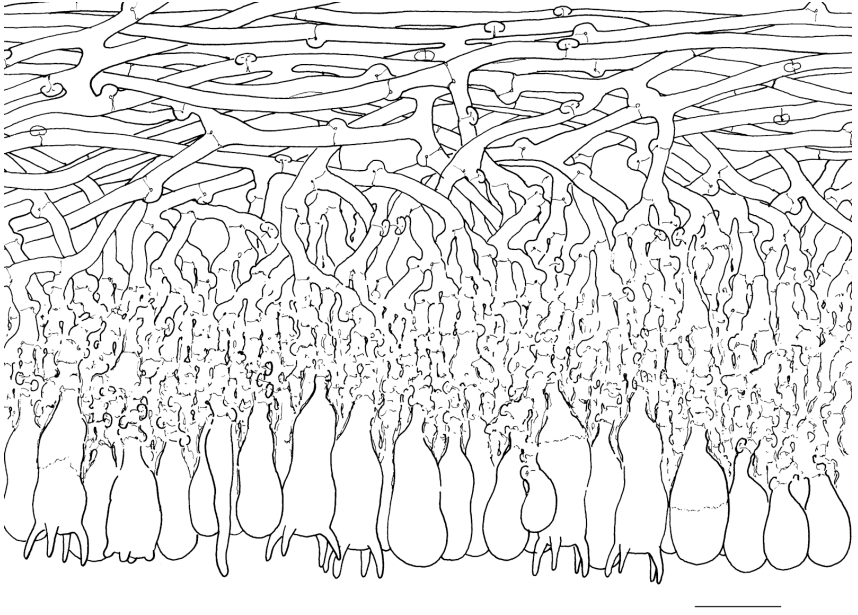


Fig. 3: Section through the basidiome. Bar = 10  $\mu\text{m}$  [em-11264]

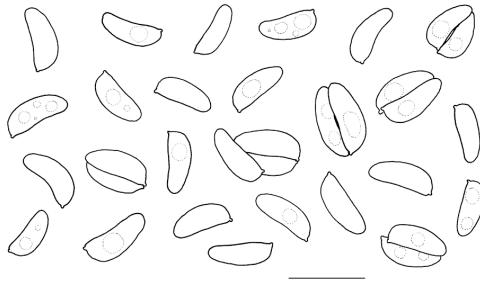


Fig. 4: Basidiospores. Bar = 10  $\mu\text{m}$  [em-11264]



# Excerpts from *Crusts & Fells*

Descriptions and reports of resupinate Aphylophorales and Heterobasidiomycetes

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Issue № 21:

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Released on: 27<sup>th</sup> April, 2016

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