

№ 105

Sistotrema gloecystidiatum

Boidin & Gilles

Figures 1–4

Sistotrema gloecystidiatum Boidin & Gilles 1994 [1 : 189]

Basidiome effused, soft membranaceous, very thin, up to 0.05 mm thick.
Hymenophore pruinose to smooth, finely irregular, white to greyish white, some parts becoming pale yellowish.

Subiculum indistinct.

Margin not differentiated, shortly or indefinitely thinning out, pruinose.

Rhizomorphs absent.

Hyphal system monomitic; all hyphae with simple septa, (1) 1.5–2.2 (2.8) μm , densely arranged, regular to irregular, thin-walled, hyaline, without guttulae or oily content.

Gloeocystidia hymenial, terminal, irregularly hyphoid, subcylindrical to fusoid, often with an apical schizopapilla, (10) 18–30 \times 2.5–5 μm , with bright yellow oily content.

Basidia urniform, sometimes shortly or distinctly pedunculate, 14–22 \times 4–5 μm (top) \times 4–6 μm (swollen base), hyaline; 4 sterigmata.

Basidiospores narrowly ellipsoid, elongated, in side view tapering toward the prominent apiculus and with a slightly flattened adaxial side, 5–7 \times 2–2.8 μm , smooth, thin-walled, hyaline.

Chemical reactions: IKI–, CB–, basal hyphae somewhat CB+, SA–.

Incrustation: none observed.

Specimens examined

FRANCE — **Alpes-Maritimes** – St.-Dalmas-le-Selvage, Bois de Sestrière, on bark of a lying, rather hard branch of *Larix decidua*, leg. E. Martini, 28.IX.2016 (em-12962)



Fig. 1: Dried basidiome. Image width = 20 mm [em-12962]

References

- [1] BOIDIN, J. AND GILLES, G. (1994). 'Contribution à la connaissance des Corticiés à basides urniformes ou suburniformes (Basidiomycotina)'. *Bulletin de la Société Mycologique de France*, 110 (4): 185–229
- [2] DUHEM, B. (2012). 'Etudes morphologiques de plusieurs *Sistotrema* gléocystidiés'. *Bulletin de la Société Mycologique de France*, 128 (1-2): 17–51

Materials and methods

Specimens sampling and methodological details are described separately at this web address: <http://www.aphyllo.net/home.php#methods>



Fig. 2: Detail of the hymenophore. Image width = 9 mm [em-12962]



Fig. 3: Detail of the hymenophore and margin. Image width = 9 mm [em-12962]

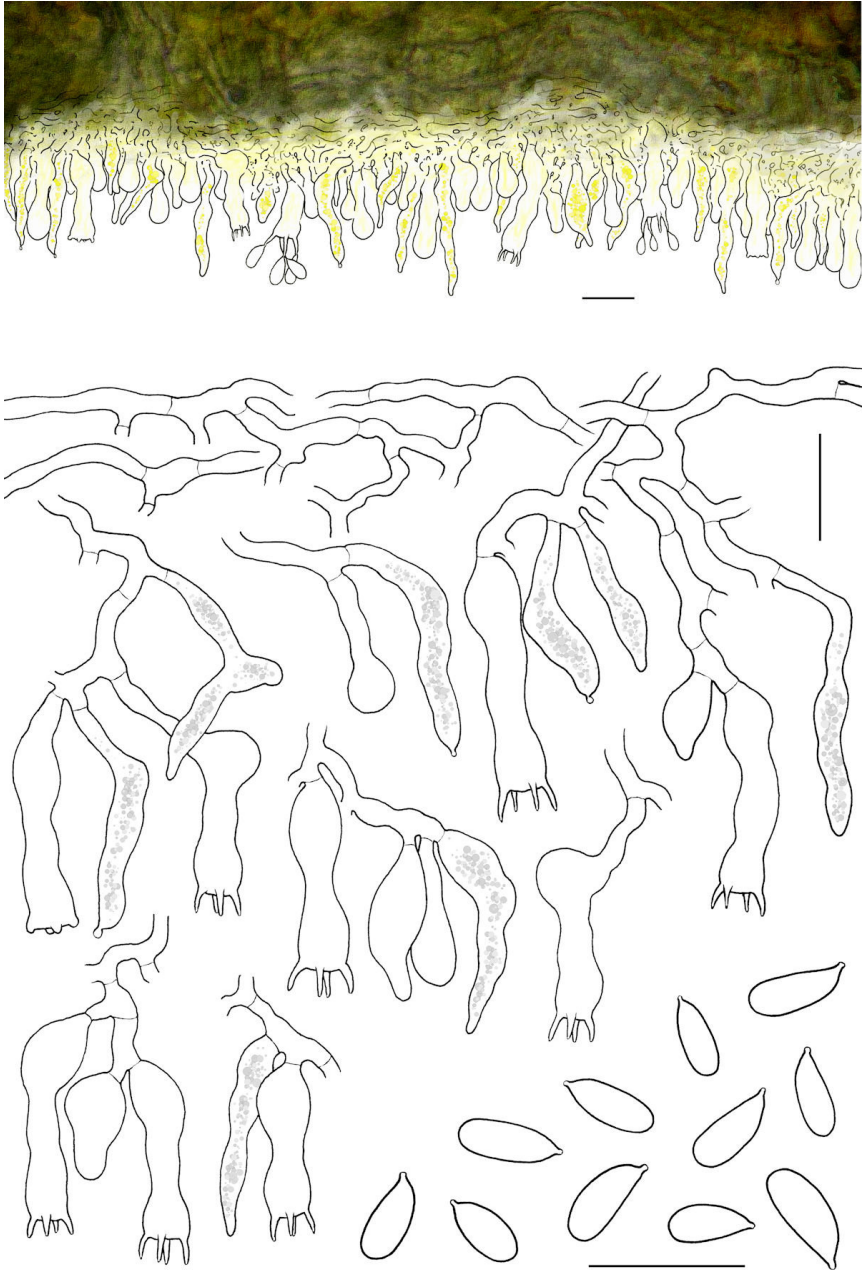


Fig. 4: Section through the basidiome and substratum, basidia, gloecystidia, subhymental and subicular hyphae, basidiospores. Bar = 10 μ m [em-12962]



Excerpts from *Crusts & Fells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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