

№ 23

Sidera lunata

Figures 1–4

Grandinia lunata Bourdot & Galzin ex Romell 1928 [1 : 410] \equiv *Athelopsis lunata* (Bourdot & Galzin ex Romell) Parmasto 1968 [5 : 43] \equiv *Trechispora lunata* (Bourdot & Galzin ex Romell) Jülich 1975 [3 : 293] \equiv *Sidera lunata* (Bourdot & Galzin ex Romell) K.H. Larss. 2011 [4 : 136]

Basidiome effused, adherent, odontoid, rather smooth toward the margin, white when fresh, whitish to pale yellowish when dry.

Aculei conical to cylindrical, crowded, ceraceous, compact, fragile, easily detached from the subiculum, 5-8/mm, up to 0.2 (0.3) mm long and 0.15 mm wide at the base, slightly penicillate at the apex.

Hymenium between aculei looser, often somewhat porulose or discontinuous.

Subiculum very thin, built up by a few hyphae running on the substrate.

Margin rather determinate or shortly thinning out, pruinose or slightly araneose.

Hyphal system monomitic. Hyphae fibulate, clamps and septa often indistinct, irregular, sinuous, soon collapsed, (1) 1.5–3 (3.5) μ m, thin-walled or infrequently with thickening wall, hyaline.

Cystidia hyphoid, slightly to distinctly capitate, common at apex of aculei, infrequent elsewhere, up to 40 μ m long, smooth, thin-walled, hyaline.

Basidia clavate, (8) 11–17 (20) \times 3.5–4.5 μ m; 4 sterigmata up to 2.5 μ m.

Basidiospores subreniform to subballantoid, 2.8–3.7 (4) \times 1.3–1.6 (1.8) μ m, smooth, thin-walled, hyaline.

Chemical reactions: IKI–; CB–

Incrustation: presence of star- or rosette-like clusters of tapering crystals in subiculum, and numerous other irregularly prismatic crystals in context that completely dissolve in lactic acid releasing subhyaline to yellowish oily drops.



Fig. 1: Basidiome [em-10726]

Voucher specimens

FRANCE — **Aveyron** – La Maxane, Les Vignes, Causse Méjan, on wood of a lying, strongly decayed trunk of *Pinus sp.*, leg. E. Martini, 9.XI.2008 (em-10726) – Millau, Le Cade, on wood of a lying, strongly decayed trunk of *Pinus sp.*, leg. E. Martini, 9.XI.2008 (em-10718) – Peyreleau, La Rouvière, on wood of a lying, decayed trunk of *Pinus sp.*, leg. E. Martini, 9.XI.2008 (em-10714) — **Pyrénées-Orientales** – Mont Louis, on wood of a lying, decayed trunk of a coniferous tree, leg. E. & F. Martini, 30.X.1995 (em-4084)

SWITZERLAND — **Ticino** – Sabbione, Caslitt (Valle Bavona), on wood of a lying, decayed trunk of *Tilia cordata*, leg. E. Martini, 9.VI.2002 (em-7999)



Fig. 2: Dried basidiome: detail of the hymenophore. Image width = 22 mm
[em-10718]

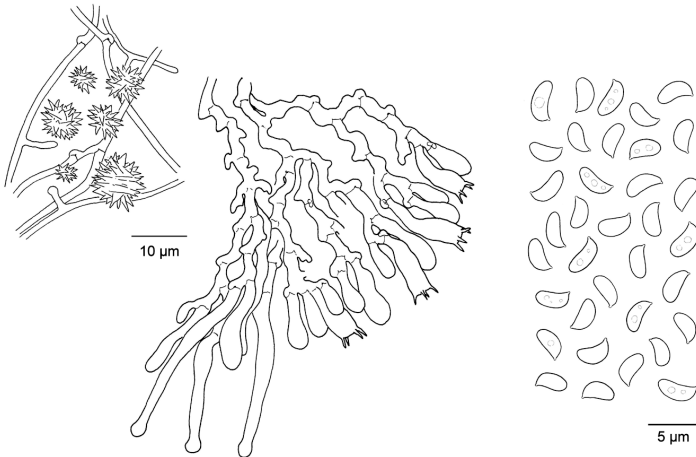


Fig. 3: Basidia, hyphoid subcapitate cystidia, hyphae, and rosette-like crystals
[em-10726]

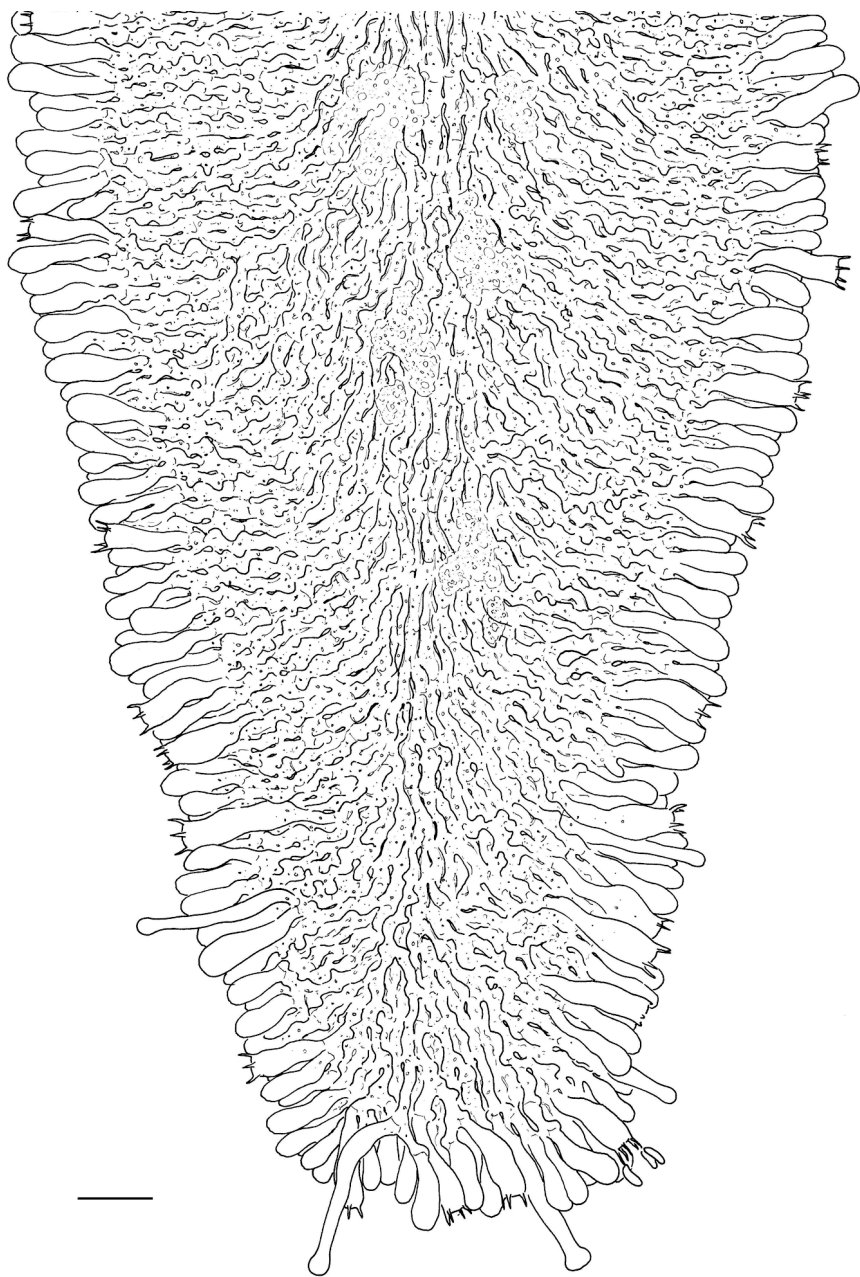


Fig. 4: Section through an aculeus. Bar = 10 μm [em-10718]

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Excerpts from *Crusts & Fells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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