

№ 92

Phlebia rhodana

Figures 1–8

Phlebia rhodana Duhem & B. Rivoire 2014 [1 : 292] (LY!)**Basidiome** [dry] effused, adherent, corneous, up to 1.5 mm thick.**Hymenophore** smooth to finely and irregularly asperulate, verrucose, tuberculate, warted, odontoid or almost hynoid, sparsely and irregularly cracked, light yellowish brown to ochraceous, brownish grey, dark brown to very dark greyish brown.**Aculei** conical, crowded, often concrescent; apex entire to shortly fimbriate, concolorous to distinctly paler, yellowish-ochraceous.**Context** corneous, homogeneous, yellowish brown to very dark brown.**Subiculum** often visible in sections of dried specimens as a thin distinct white line.**Margin** thinning out, adherent.**Hyphal system** monomitic, all hyphae with fibulate primary septa.**Subhymenial hyphae** hyphae sinuos, vertically oriented, agglutinated, almost indistinct, (1) 1.5–2.5 (3) μm in diam., thin-walled, hyaline.**Subicular hyphae** few, irregular, up to 6 μm in diam., thick-walled, subhyaline.**Cystidia** absent; there are however some infrequent paraphysoid hyphae with irregular short outgrowths at the top.**Basidia** narrowly clavate, 18–30 \times 3.5–4.5 μm ; 4 sterigmata up to 3.5 μm long.**Basidiospores** ellipsoid, adaxial side flattening or sometimes also slightly depressed, 4.5–5.5 \times 2.5–3.5 μm , Q = 1.5–1.8, smooth, thin-walled, hyaline.**Chemical reactions:** IKI–; CB–.**Incrustation:** lot of yellow or ochraceous crystals in subiculum and in the core of aculei, often arranged in a more or less columnar fashion, and at tips of aculei where they often encrust the projecting hyphae.



Fig. 1: Basidiome. Image width = 50 mm [LY BR 4177] ©Photo: Bernard Rivoire

Specimens examined

FRANCE — **Ain** – Brégner-Cordon, Île des Noyés, on wood of a lying, decayed trunk of *Populus nigra*, leg. B. Rivoire, 29.VIII.2013 (LY BR 5100, em-12834) — **Rhône** – Sérézin-du-Rhône, Ile de la Table Ronde, on wood of a lying, rather hard branch of a broadleaved tree, leg. B. Rivoire, 16.X.2011, holotype of *Phlebia rhodana* Duhem & B. Rivoire (LY BR 4177)

References

- [1] DUHEM, B. (2013). ‘*Phlebia rhodana* sp. nov. et *Phlebia jurassica* sp. nov. (Agaricomycotina), deux espèces nouvelles de France avec hyménophore tuberculé’. *Cryptogamie, Mycologie*, 34 (4): 291–301. DOI: <http://dx.doi.org/10.7872/crym.v34.iss4.2013.291>



Fig. 2: Basidiome. Image width = 50 mm [LY BR 5100] ©Photo: Bernard Rivoire



Fig. 3: Dried basidiome, detail of the hymenophore. Image width = 9 mm [LY BR 4177]



Fig. 4: Dried basidiome: detail of the hymenophore. Image width = 9 mm
[em-12834]

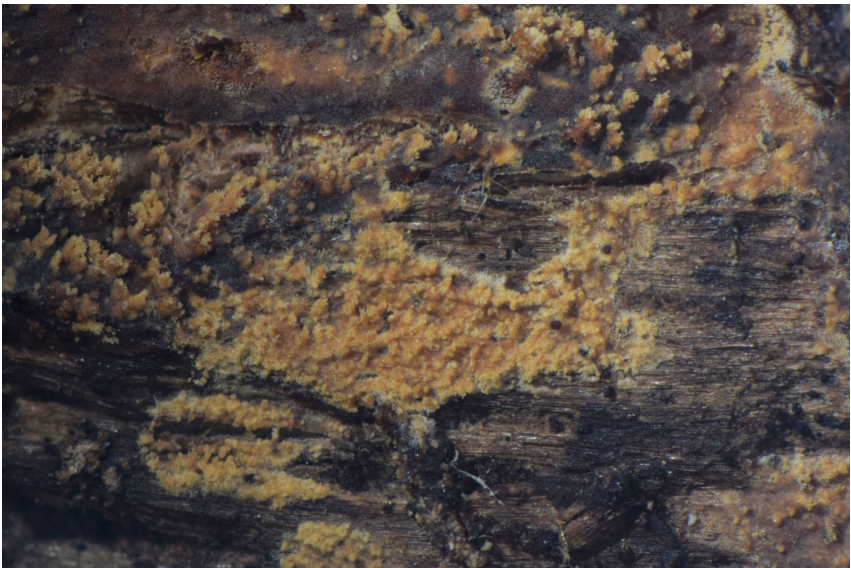


Fig. 5: Dried basidiome: detail of the hymenophore. Image width = 9 mm
[em-12834]

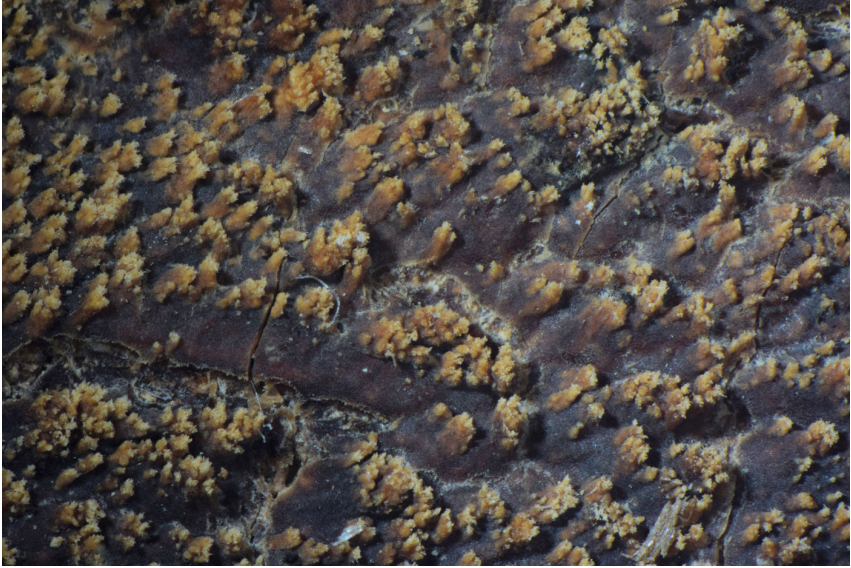


Fig. 6: Dried basidiome: detail of the hymenophore. Image width = 9 mm
[em-12834]



Fig. 7: Dried basidiome: detail of the hymenophore. Image width = 9 mm
[em-12834]

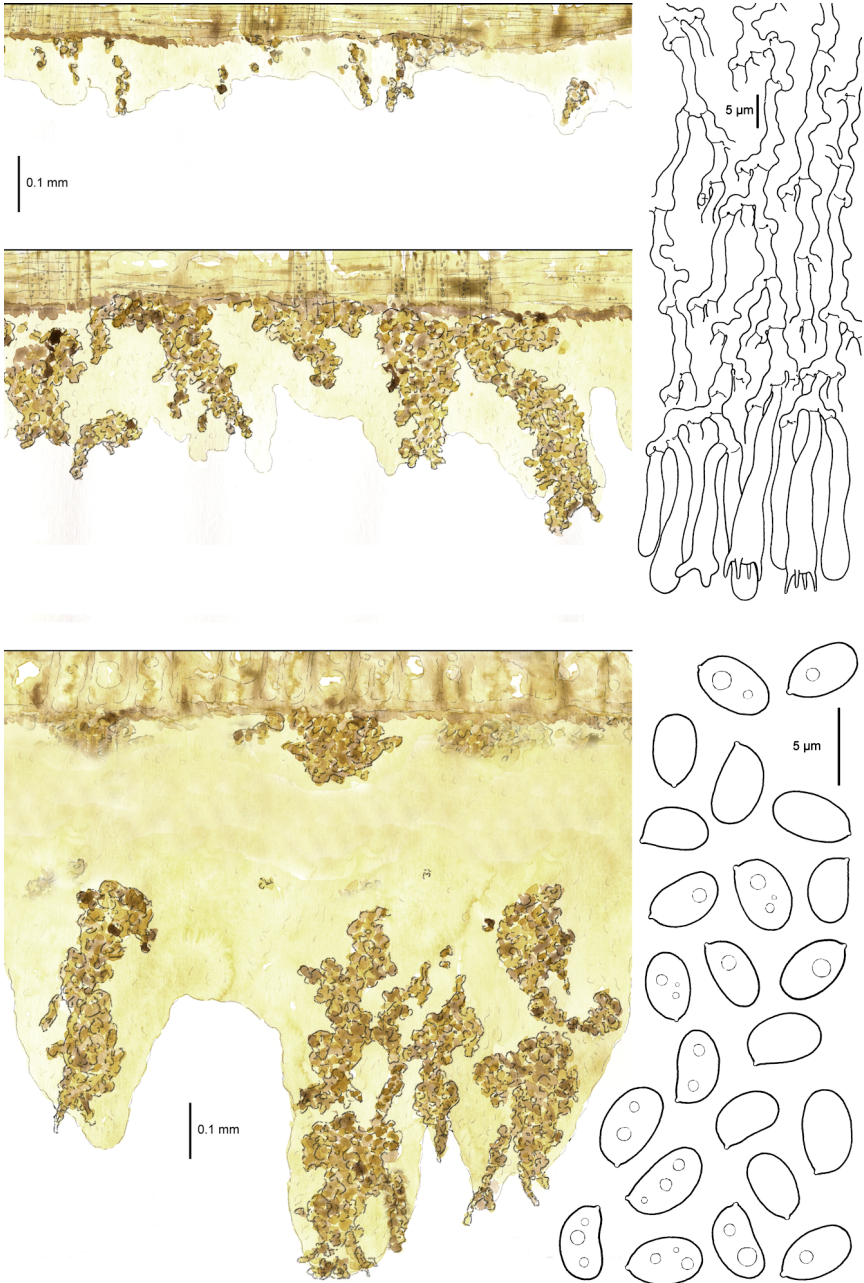


Fig. 8: Vertical sections through the basidiome and substrate. Basidia and subhyphal hyphae. Basidiospores [LY BR 4177]



Excerpts from *Crusts & Jells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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Issue № 92:

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Released on: 27th April, 2016

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