

№ 132

Vararia ochroleuca
(Bourdot & Galzin) Donk

Figures 1–5

Asterostromella ochroleuca Bourdot & Galzin 1911 [3 : 266] \equiv *Vararia ochroleuca* (Bourdot & Galzin) Donk 1930 [5 : 79]

Basidiome effused, pellicular to loosely adherent and soft membraneous when fresh, adherent and membranaceous when dry, up to 0.2 mm thick.

Hymenophore continuous, smooth to tuberculate, whitish to yellowish or light yellowish brown (10YR 6–7/3–4).

Margin indistinct, abrupt or indefinitely thinning out, pruinose, fibrillose or fimbriate, whitish.

Rhizomorphs sometimes present at the margin often hidden in the deep context and substratum, relatively soft, pubescent, up to 0.5 (1) mm thick, whitish to pale yellow.

Hyphal system dimitic; generative hyphae regular, with simple septa, 1.5–2.5 (3) μm in diam., thin-walled, hyaline; skeletal hyphae straight, 0.5–1.5 μm , present in rhizomorphs and subiculum, hyaline. Dichohyphidia present, 1–2 μm in diam., branching dichotomously with long tapering endings in subiculum and progressively shorter toward the hymenium, thick-walled, hyaline to very pale yellow.

Rhizomorphs built up by straight and thin-walled, almost indistinct generative hyphae surrounded at surface with numerous very thin and almost unbranched skeletal hyphae running in all directions.

Cystidia more or less bottle-shaped, slightly capitate at the apex, of small dimensions when hymenial, larger when enclosed, 30–60 \times 6–16 μm , mostly thin-walled, hyaline or subhyaline.

Basidia narrowly urniform, 16–25 \times 3–3.5 μm at top, 3.5–4 μm at the base; 4 sterigmata up to 3 μm long.

Basidiospores broadly ellipsoid to drop-shaped, (2.8) 3–3.6 \times 2.1–2.6 μm , smooth, hyaline, thin-walled.

Chemical reactions: IKI: skeletal hyphae in hymenium dextrinoid; spores with a small subapical amyloid bib. CB: hyphae distinctly cyanophilous. SA –.

Incrustation: present as irregular prismatic hyaline to pale yellow crystals here and there in context and almost entirely covering hyphae on the surface of rhizomorphs, soluble in HCl and LA.

Voucher specimens

ITALY — **Piemonte** – Albano Verellese, on bark of a lying trunk of a deciduous tree, leg. E. Martini, 3.V.1987 (em-965)

SWITZERLAND — **Ticino** – Brissago, Isole, on bark of a lying, hard trunk of a deciduous tree, leg. E. Zenone (em-2244) – Casima, Cugnoli, on lying, strongly decayed wood of a broadleaved tree, leg. F. Delmenico, 1.VII.2007 (em-10397) – **Maggia, Laire**, on wood and bark of a lying, decayed branch of a deciduous tree, leg. E. Martini, 19.VIII.1985 (em-362) – **Meride, Bagno**, on wood of a lying, strongly decayed trunk of *Castanea sativa*, leg. E. Martini, 24.III.2007 (em-9771) – **Meride, Bolle**, on bark of a lying, decayed trunk of a deciduous tree, leg. E. Martini, 26.XI.2006 (em-9593) – **Meride, Boscaccio**, on wood of a lying, strongly decayed trunk of *Fagus sylvatica*, leg. E. Martini, 17.V.2007 (em-9796) – **Meride, Crocifisso**, on wood of a lying, decayed trunk of *Prunus avium*, leg. E. Martini, 17.IX.2006 (em-8954) – **Meride, Cugnoli**, on bark of a lying, decayed branch of a deciduous tree, leg. E. Martini, 30.IX.2006 (em-8998) – **Meride, Fontana**, on bark of a lying, rather hard branch of *Fagus sylvatica*, leg. E. Martini, 2.IX.2006 (em-8864) – **Meride, Meriggio**, on wood of a lying, strongly decayed trunk of a deciduous tree, leg. E. Martini, 16.VI.2007 (em-9927) – **Meride, Sermonete**, on a lying, strongly decayed trunk of a deciduous tree, leg. E. Martini, 11.XI.2006 (em-9531) – **Mondada, Gramusèd (Valle Bavona)**, on ferns, leg. E. Martini, 1.XII.1991 (em-3017) – **Ritorto, Dréom (Valle Bavona)**, on wood of a lying, strongly decayed trunk of *Tilia cordata*, leg. E. Martini, 24.IX.1989 (em-2391) – **Roseto (Valle Bavona)**, on wood of a lying, decayed trunk of *Tilia cordata*, leg. E. Martini, 4.IX.2018 (em-13465) – **Sagno, Cavalorgna**, on lying, decayed bark of a coniferous tree, leg. F. Delmenico, 28.II.2006 (em-12885)

Materials and methods

Specimens sampling and methodological details are described separately in this issue:

Excerpts from *Crusts & Jells*, n° 0

References

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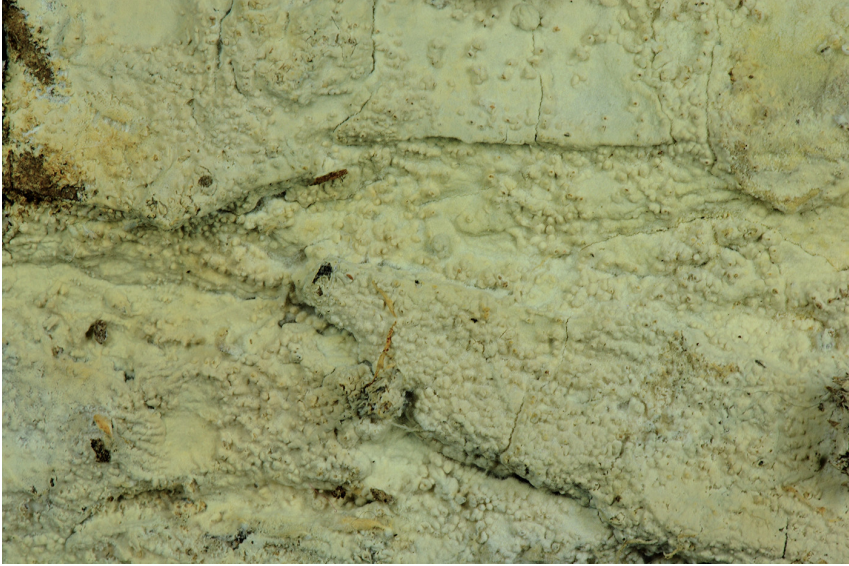


Fig. 1: Basidiome. Image width = 35 mm [em-13465]

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- [5] DONK, M.A. (1930). 'Nederlandse Basidiomyceten I'. *Nederlands Kruidkundig Archief*, 65–84
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Fig. 2: Detail of the hymenophore. Image width = 9 mm [em-13465]

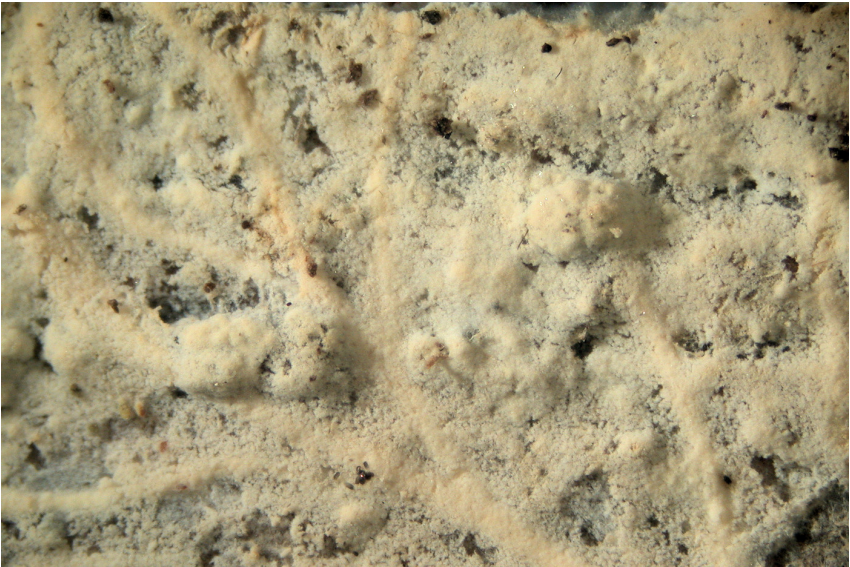


Fig. 3: Detail of the hymenophore. Image width = 10 mm [em-9796]

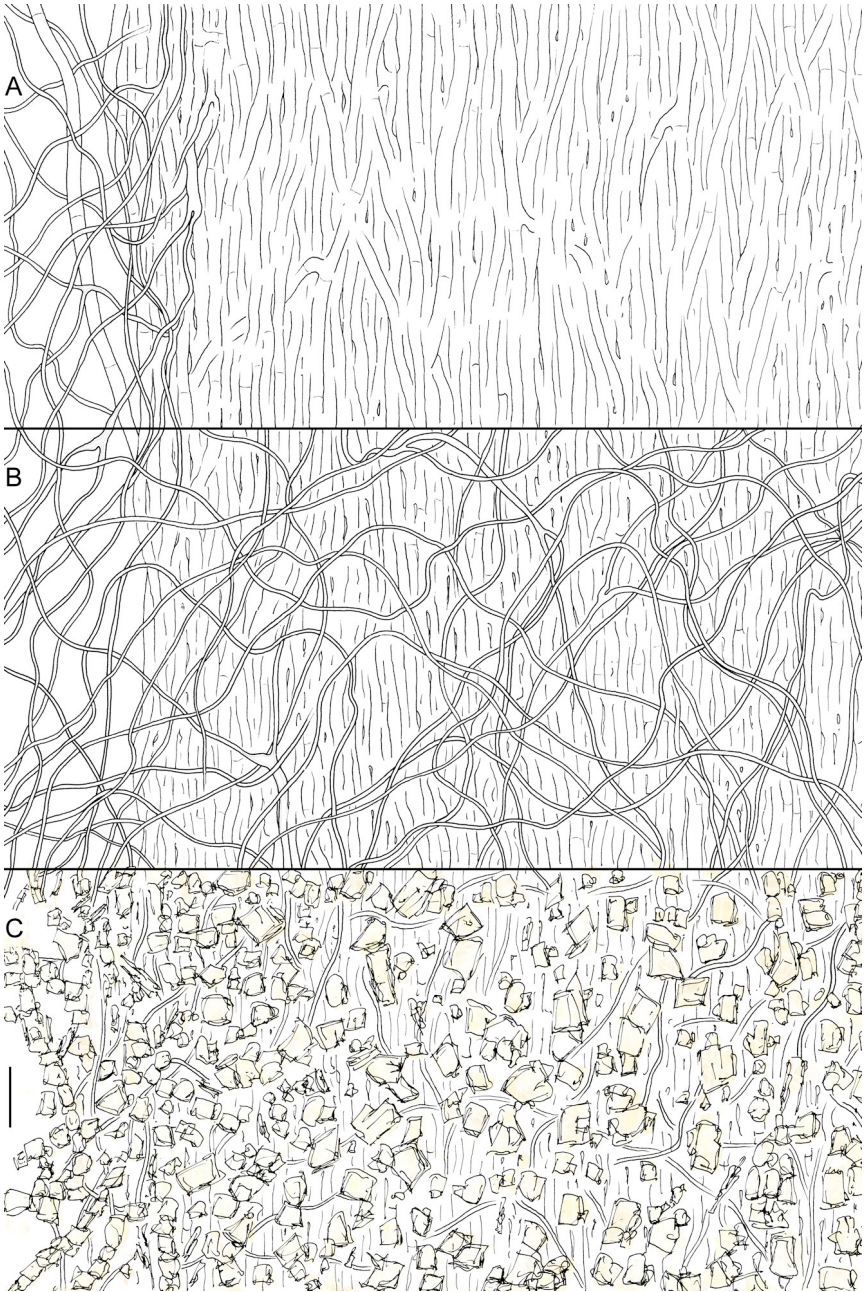


Fig. 4: Rhizomorphal structure. A) section. B) from above. [A and B after treatment with HCl]. C) from above, with crystals, as mounted in KOH. Bar = 10 μm [em-13465]



Fig. 5: Simplified vertical section through the basidiome and basidiospores. Bar = 10 μ m [em-13465]



Excerpts from *Crusts & Tells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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