

Tomentella griseoumbrina

Litsch.

Figures 1–6

Tomentella griseoumbrina Litsch. 1936 [6 : 357] PRM!

= *Tomentella griseoumbrina* var. *obscura* Svrček 1958 [8 : 76] teste Larsen [4]

Basidiome effused, loosely adherent, soft membranaceous, up to 0.2 (0.3) mm thick.

Hymenophore when fresh smooth to shallowly colliculose, light greyish, light greyish brown, light yellowish brown (10YR 6/2–4), when dry tufted to slightly granulose, finely discontinuous, becoming continuous when well developed, uniformly greyish brown to brown or yellowish brown (10YR 5/2–4).

Subhymenium thin to slightly thickening in granules and slightly colliculose parts.

Subiculum soft, loose, araneose to hypochnoid, brown to dark brown (10YR 4–3/3–4), faintly to distinctly darker than the hymenial surface.

Margin indistinct, normally fertile throughout, indefinitely thinning out, pruinose, concolorous with the fertile area or infrequently slightly darker and concolorous with the subiculum.

Rhizomorphs absent.

Hyphal system monomitic; all hyphae with fibulate primary septa.

Subicular hyphae somewhat irregular, sinuous, short-celled, few next to the substrate more regular and with relatively distant septa, (2.5) 3–4.5 (5) μm wide, normally branching from clamps, sometimes with simple anastomoses and closely spaced clamps, with thickening to thick wall (0.5–1 μm), ochraceous to brownish.

Subhymenial hyphae regular, short-celled, (2) 2.5–4 (5) μm diam., richly branched, with thin to slightly thickening wall, branching from clamps, subhyaline to pale yellowish brown.

Cystidia absent.

Basidia narrowly clavate to subcylindrical, often with a faint median constriction, (15) 18–30 (35)×3.5–5 µm, hyaline to pale yellowish brown; 4 sterigmata up to 3 (4) µm long and about 1 µm at the base.

Basidiospores with regular outline; frontal face subglobose to broadly ellipsoid or broadly ovoid; lateral face subglobose to broadly ellipsoid with a convex or rarely slightly flattening adaxial side; polar face globose, 4–5.5 µm across or, more precisely, 4.5–5.5 (6)×4–5×4–5.2 (5.5) µm, $Q^1 = 1.05–1.25$, $Q^2 = 1–1.15$, shortly echinulate, with thickening wall (ca. 0.3 µm), light yellowish-brown to ochraceous, mostly 1-guttulate; apiculus very small and almost indistinct, less than 0.8 (1) µm long and wide; aculei up to 0.5 (0.8) µm long, single, sparse, blunt or slightly tapering.

Chlamydospores absent.

Chemical reactions: IKI–. CB: inconsistent with all elements more or less cyanophilous or not at all, aculei possibly always cyanophilous. KOH: none or a faint darkening of all elements.

Incrustation: none.

Specimens examined

FRANCE — **Val-d'Oise** – Stors, on lying, decayed wood of a deciduous tree, leg. R. Hentic, 26.VI.2004 (em-8392)

SWEDEN — **Uppland** – Lena parish, on wood of a coniferous tree, leg. S. Lundell, 29.VIII.1933, isotype of *Tomentella griseoumbrina* Litsch. (PRM 776545, Lundell 1045) – *ibid.*, on wood of a coniferous tree, leg. S. Lundell, 29.VIII.1933, isotype of *Tomentella griseoumbrina* Litsch. (PRM 776546, Lundell 1045, Fungi Exic. Suec. 357) – Lena parish, Årby skog, close to Storvreta, on wood of a coniferous tree, leg. S. Lundell 1045, 29.VIII.1933, isotype of *Tomentella griseoumbrina* Litsch. (BPI)

SWITZERLAND — **Genève** – Chancy, on wood of a deciduous tree, leg. A. Guerry 1041, 21.VII.1996 (em-4272) — **St. Gallen** – Quarten, Oberterzen, on wood of a lying, decayed trunk of *Picea abies*, leg. E. Martini, 1.X.2019 (em-13876)

TURKEY – Ilgaz-Dagh, on burnt wood, leg. A. Pilat, VIII.1931 (W 21891)

USA — **Arizona** – Coronado National Forest, Swift Trail, on *Pinus sp.*, leg. J.L. Lowe & R.L. Gilbertson, 18.VIII.1958 (SYRF: JLL 8919) — **New York** – Pratt's Falls, on *Tsuga canadensis*, leg. M.J. Larsen, 1.X.1965 (SYRF: MJL 1829)

Materials and methods

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

Excerpts from *Crusts & Fells*, n° 0



Fig. 1: Basidiome. Image width = 54 mm [em-13876]



Fig. 2: Detail of the hymenophore. Image width = 9 mm [em-13876]



Fig. 3: Detail of the hymenophore (dried specimen). Image width = 9 mm [em-13876]



Fig. 4: Detail of the hymenophore and margin. Image width = 9 mm [em-13876]

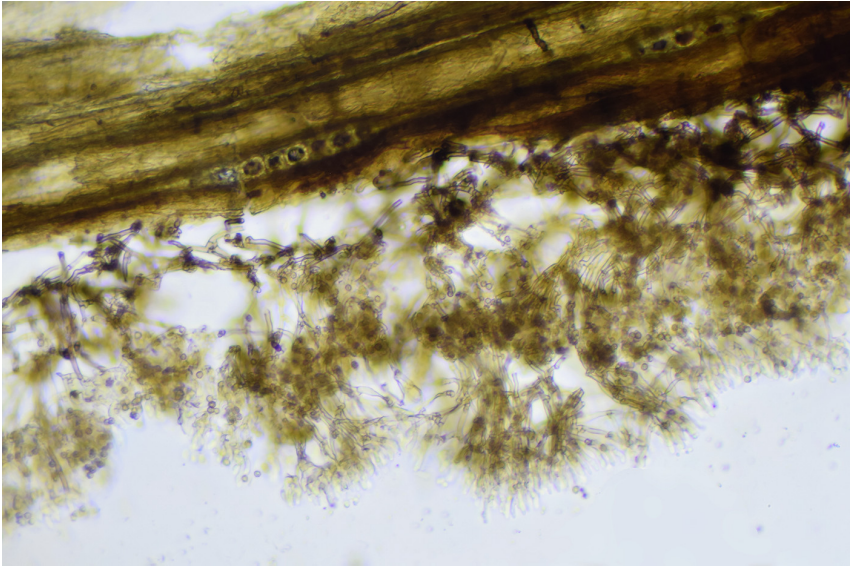


Fig. 5: Vertical section through the basidiome and substrate [em-13876]

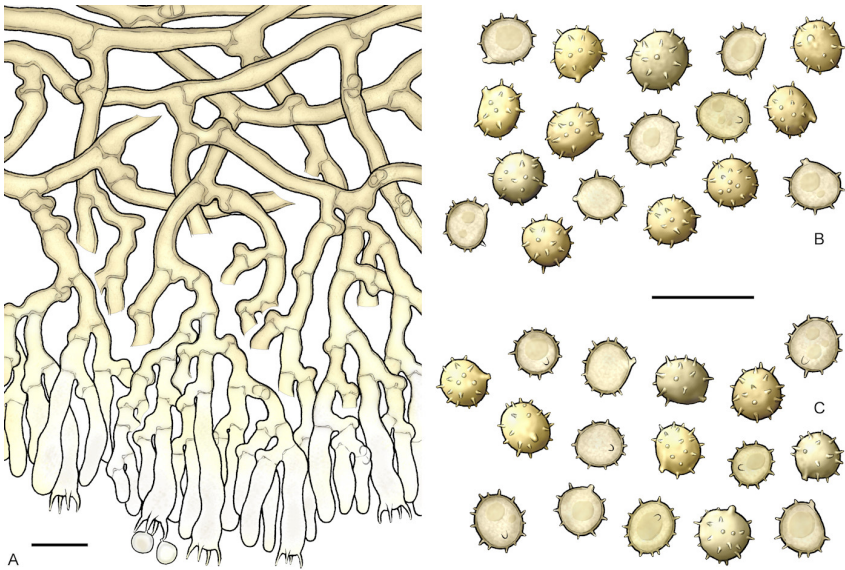


Fig. 6: A) Basidia, subhymenial and subicular hyphae, ex em-13876. – B) Basidiospores, ex isotype of *Tomentella griseoumbrina* Litsch., Lundell 1045 (BPI). – C) Basidiospores, ex em-13876. Bar = 10 μ m

References

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Excerpts from *Crusts & Tells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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