

Thelephora gilva

(Bourdot & Galzin) Køljalg, I. Saar & Svantesson

Figures 1–3

Tomentella mutabilis subsp. *gilva* Bourdot & Galzin 1924 [1 : 146] PC ! $\equiv$ *Tomentella gilva* (Bourdot & Galzin) Svrček 1958 [4 : 73] $\equiv$ *Thelephora gilva* (Bourdot & Galzin) Køljalg, I. Saar & Svantesson 2024 [3 : 75]

Basidiome effused, adherent, soft membranaceous, up to 0.2 mm thick.

Hymenophore mostly discontinuous, tufted to faintly granulose or reticulated, porulose, rarely becoming somewhat continuous and smooth, relatively compact, rather light reddish brown (5–7.5YR 5/4).

Subhymenium thickening, compact.

Subiculum indistinct, looser, up to 0.1 mm thick.

Margin narrow or indefinitely thinning out, pruinose to pubescent, normally discolour whitish when fresh (orig. descr.), cream to dull yellow when dry.

Rhizomorphs absent.

Hyphal system monomitic; all hyphae with fibulate primary septa.

Subicular hyphae regular, 2.5–[3.5]–4.2 (4.6) μm diam, relatively short-celled and often branched from clamps, walls 0.3–0.7 μm thick, subhyaline.

Subhymenial hyphae regular, more or less tightly packed and often indistinct, (2.1) 2.8–4.8 (5.6) μm diam, hyaline or subhyaline, pale yellowish brown in mass in the thickening subhymenium.

Cystidia absent.

Basidioles cylindrical, clavate, obclavate, mostly collapsed, (3.9) 4.4–6.7 (7.6) μm diam.

Basidia clavate to subcylindrical, sinuous, narrowly utriform, mostly collapsed, frequently embedded in subhymenium, 39–56 (67) μm long, 6.6–9 (9.4) μm diam at top, 5–7.5 μm wide at the lower middle. 4 sterigmata 5–7 μm long and 1.5–2.5 μm wide at the base.

Basidiospores regular, aculeolate to echinulate, crowns absent, without guttulae, ochraceous, walls 0.4–0.7 μm thick; (7.2) 7.4–[8.0]–8.6 (8.8)

µm long, **lateral** face ellipsoid, 6–[6.6]–7 (7.2) µm diam, $Q = (1.09) 1.14$ –[1.22]–1.31 (1.40), adaxial side flattening; **frontal** face broadly ellipsoid to broadly ovoid, (6.4) 6.8–[7.2]–7.6 µm diam, $Q = 1.06$ –[1.12]–1.19 (1.25); in **polar** view globose.

Aculei 0.5–[0.9]–1.1 µm long, 0.5–[0.6]–0.7 µm wide at base, terete, slightly tapering, single or rarely paired at the base, unevenly distributed, relatively crowded.

Apiculus lateral toward the base in side view, 1.2–1.6 (1.8) µm across, inamyloid; hilum indistinct.

Macrospores rare, about 10–11 µm long, not differentiated.

Chlamydospores absent.

Incrustation: none evident.

Chemical reactions: IKI —. CB: all elements cyanophilous. KOH —

Specimen examined

FRANCE — **Aveyron** – Causse Noir, sur pin, leg. A. Galzin, 10.XI.1908, holotype of *Tomentella mutabilis subsp. gilva* Bourdot & Galzin (PC: Bourdot 19003)

Materials and methods

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

Excerpts from *Crusts & Fells*, n° 0

References

- [1] BOURDOT, H. AND GALZIN, A. (1924). ‘Hyménomycètes de France. X. Phylactériés’. *Bulletin de la Société Mycologique de France*, 40 (1-2): 105–162
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- [3] KÕLJALG, U., SAAR, I. AND SVANTESSON, S. (2024). ‘Merging the genus *Tomentella* with *Thelephora*’. *Folia Cryptogamica Estonica*, 61: 67–86. DOI: [10.12697/fce.2024.61.09](https://doi.org/10.12697/fce.2024.61.09)
- [4] SVRČEK, M. (1958). ‘Contribution to the taxonomy of the resupinate Thelephoraceous fungi’. *Česká Mykologie*, 12 (2): 66–77. URL: <http://www.czechmycology.org/czech-mycology-content.php>



Fig. 1: Basidiome; ex holotype of *Tomentella mutabilis* subsp. *gilva* Bourdot & Galzin. Bar = 5 mm [PC: Bourdot 19003]



Fig. 2: Detail of the basidiome and margin; ex holotype of *Tomentella mutabilis* subsp. *gilva* Bourdot & Galzin. Image width = 13 mm [PC: Bourdot 19003]

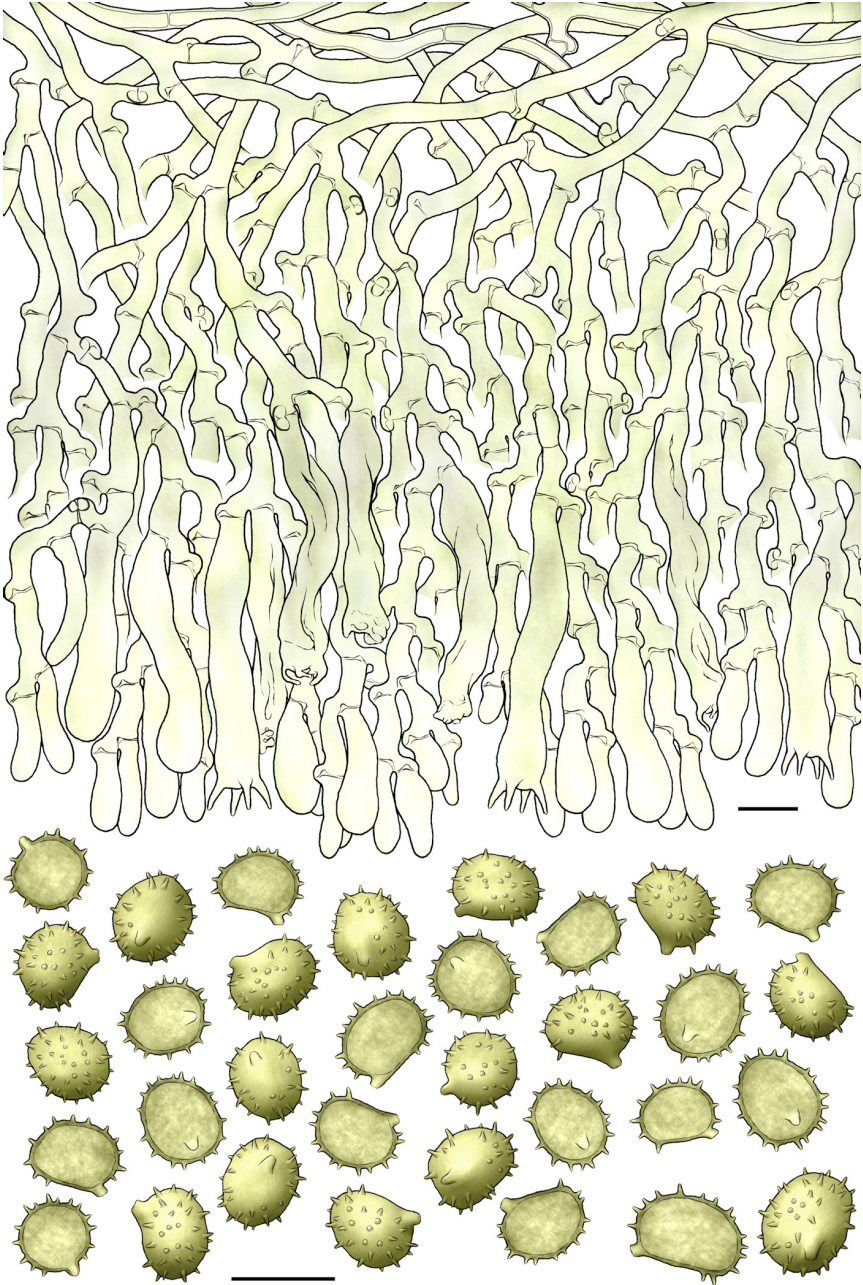


Fig. 3: Simplified vertical section through the basidiome and basidiospores. Two macrospores in the lower right corner. Ex holotype of *Tomentella mutabilis* subsp. *gilva* Bourdot & Galzin. Bar = 10 μ m [PC: Bourdot 19003]



Excerpts from *Crusts & Tells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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