

## № 167

*Tomentella fraseri*

M.J. Larsen

Figures 1–6

*Tomentella fraseri* M.J. Larsen 1975 [1 : 173] CFMR!

**Basidiome** effused, adherent, relatively compact, subceraceous, at first discontinuous then confluent and continuous at maturity, up to 0.2 mm thick.

**Hymenophore** granulose to shallowly colliculose, in small parts becoming smooth, not fissured, young parts whitish to pale yellowish brown (10YR 8/4–6/4), then then brownish (10YR 5/4), rarely with spots becoming dark brown (10YR 3/4).

**Subhymenium** slightly thickening, loose in young parts, rather compact in older ones.

**Subiculum** indistinct, araneous, loose.

**Margin** indistinct or shortly thinning out, pruinose, whitish to very pale brown (10YR 8–7/3), paler than fertile area.

**Rhizomorphs** absent.

**Hyphal system** monomitic; all hyphae with fibulate primary septa.

**Subicular hyphae** regular to somewhat irregular and sinuous, (2) 2.5–4 (5)  $\mu\text{m}$  wide, normally branching at some distance from septa, infrequently anastomosed, with thin or thickening wall, subhyaline to pale yellowish brown.

**Subhymenial hyphae** almost regular, 2.5–4 (4.5)  $\mu\text{m}$  wide, normally branching from clamps, thin-walled, hyaline to subhyaline, sometimes with pale brownish diffuse content.

**Cystidia** absent.

**Basidia** sinuous, narrowly clavate to utriform, (30) 35–45 $\times$ 6–7  $\mu\text{m}$  (top), 4–8  $\mu\text{m}$  (lower middle), hyaline to subhyaline, sometimes with diffuse brownish content; 4 sterigmata up to 4 (5)  $\mu\text{m}$  long and 1–1.5  $\mu\text{m}$  wide at the base.

**Basidiospores** with regular outline; lateral face broadly ellipsoid with

convex or slightly flattening adaxial side; frontal face broadly ellipsoid to broadly ovoid; polar face globose; (4.8) 5.2–7 (7.2)  $\mu\text{m}$  long, (4.2) 4.5–5.8 (6)  $\mu\text{m}$  wide in side view, (4.8) 5–6.2 (6.5)  $\mu\text{m}$  in frontal view,  $Q^1 = 1.07\text{--}1.29$  (1.33),  $Q^2 = 1.0\text{--}1.18$ , echinulate, without guttulae or indistinct, yellowish to yellowish brown, concolorous with the other elements in mass. Aculei up to 1 (1.2)  $\mu\text{m}$  long and 0.3–0.6  $\mu\text{m}$  wide at the base, single, evenly distributed, sparse, tapering. Macrospores infrequent, about 8  $\mu\text{m}$  across.

**Chlamydospores** absent.

**Incrustation:** none.

**Chemical reactions:** IKI—. CB—. KOH—.

## Specimens examined

ALASKA – Bering Land, at bridge 1.5 mi. S. of Council, on lying, decayed wood of *Populus balsamifera*, leg. H.H. Burdsall Jr, 9.VIII.1994 (CFMR HHB-15287)

CANADA — **Alberta** – Jasper National Park, West of Jasper, Fraser River Drainage, , leg. M.J. Larsen, 16.VIII.1970 (CFMR MJL-4170) – *ibid.*, on wood of *Populus sp.*, leg. M.J. Larsen, 16.VIII.1970, holotype of *Tomentella fraseri* M.J. Larsen (CFMR: MJL 4160)

USA — **New York** – Clinton Co., Twin Valleys Camp, near Lewis, on hardwood, leg. M.J. Larsen, 9.IX.1967 (CFMR MJL-2484)

## Materials and methods

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

Excerpts from *Crusts & Fells*, n° 0

## References

- [1] LARSEN, M.J. (1975). ‘Some new North American species of *Tomentella*’. *Nova Hedwigia. Beiheft*, 51: 171–175

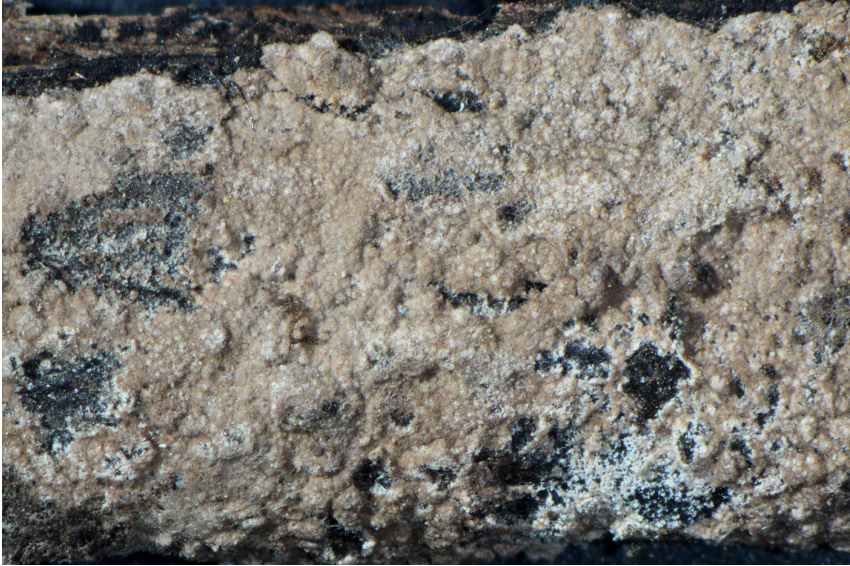


Fig. 1: Detail of the basidiome and margin (dry). Image width = 9 mm [CFMR MJL-2484]



Fig. 2: Basidiome (dry). Image width = 9 mm [CFMR MJL-4170]



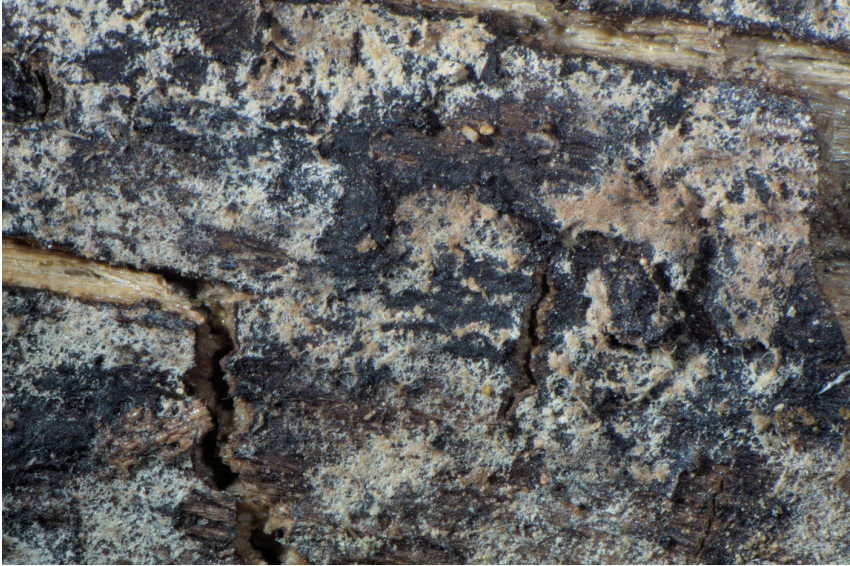


Fig. 3: Dried basidiome. Image width = 9 mm [CFMR MJL-4170]



Fig. 4: Basidiome; ex holotype of *Tomentella fraseri* M.J. Larsen. Image width = 12 mm [CFMR: MJL 4160]

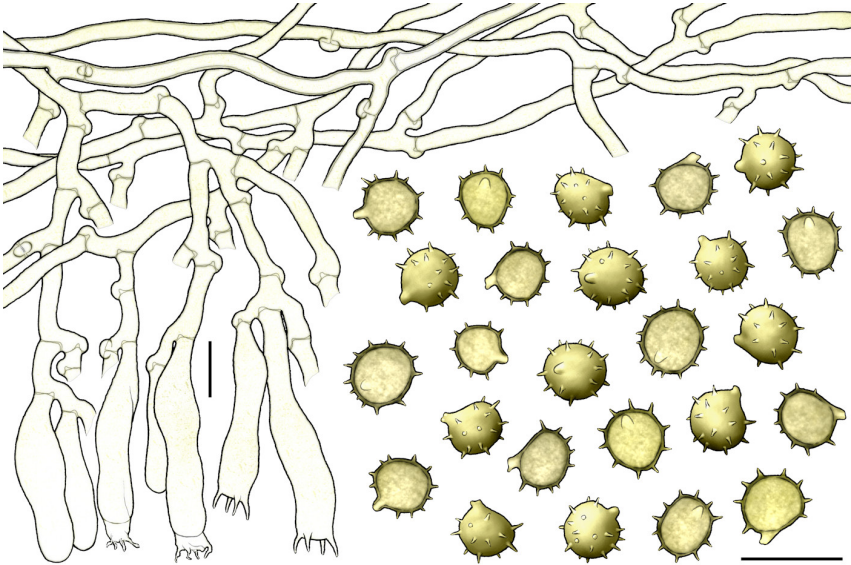


Fig. 5: Basidia, subhymenial and subicular hyphae, basidiospores; ex holotype of *Tomentella fraseri* M.J. Larsen. Bar = 10  $\mu\text{m}$  [CFMR: MJL 4160]

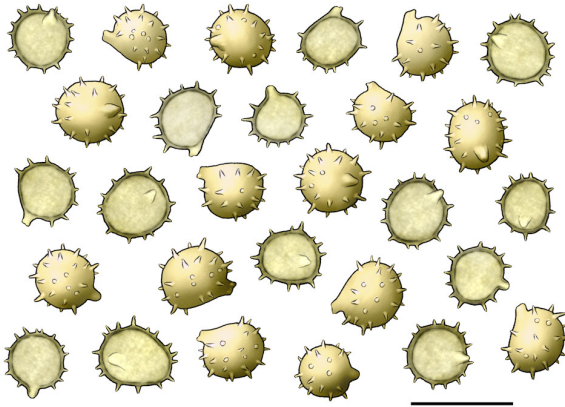


Fig. 6: Basidiospores. Bar = 10  $\mu\text{m}$  [CFMR MJL-4170]



# Excerpts from *Crusts & Tells*

Descriptions and reports of resupinate Aphyllophorales and Heterobasidiomycetes

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