

Lachnellula subtilissima ??

Tony Hardware 06.01.24

A scattered grouping or gregarious growth of white haired (when found) short yellow stemmed and hymenium suggests this or a similar species. These were growing on the wet underside of decorticated coniferous branch on the ground, probably Pinus. After a few hours only the margin hairs slowly turned yellow.

Apothecia: 0.6 – 1.00mm with < 0.8mm stalk, concolourous bright yellow. Smooth.

Asci: Appears Croziers -, 51 – 64 x 5.10 – 5.80 μm , spores seriate and tight to the Ascus tip, spores with large guttulate x2 content within live ascus. IKI +.

Paraphyses: Cylindrical to 'spear-headed' or spathulate-lanceolate variable $\pm 3.0 \mu\text{m}$, containing many yellow lipid drops along length, mostly towards upper section, lower section hyaline. 1/2-sepate difficult to justify, indications at separations and start of hyaline base. 62 – 69 x 1.20 - 2.15 μm . Forked at base only.

Spores: 4.83 – 6.50 x 1.78 – 2.36 μm , some with small guttulate 2-3 drops, Fusoid or Fusiform-clavate shaped when mature.

Excipulum: Tightly prismatic thick-walled some with septa or anchoring hyphae. 4.35 – 5.21 μm .

Hairs: White when found, soon turning yellow. Heavily warted at upper section, less so as tapers to hyaline base section. 2-3 septate. Tips mostly slightly rounded but also often blunt ended. 3.24 – 4.20 μm . 3-4 septate. Length $\pm 60 \mu\text{m}$. Suggestion of crystals at tips on occasion (see pic 9).











