

Nomenclatural novelties : Tapio Kekki

*Ripartites borealis* T. Ulvinen, Ohenoja, Kytöv. & Kekki, sp. nov.

IF 901031

Holotype OULU GAJ.15729

Description: Pileus 3–7 cm in diameter, at first flat with incurved edge later flat to slightly depressed, white to yellowish white, in the middle and sometimes as concentric zones small grey to light brown watery spots, dry to slightly viscid, margin velvety. Lamellae dense, narrow adnate to shortly decurrent, white to yellowish when young, brown when old. Stipe 3–6 cm long, 0.5–1.3 cm thick, cylindrical or tapering downwards, almost white. Context yellowish white. Mycelium white. Odour indistinct to slightly unpleasant. Taste not recorded. Basidiospores 3.5–4.0 × 3.0–3.5 µm (60 spores, three specimens), av. 3.6 × 3.2 µm, Q = 1.06–1.36, Qav. = 1.20, brown, subglobose to broadly ellipsoid with prominent rounded warts. No reactions with Melzer solution. Basidia with 4 sterigmata. Cystidia absent. Clamps present. Pileipellis tomentum of 4–6 µm wide hyphae. ITS sequence (GenBank OR486177, ex holotype) distinct from other members of *Ripartites*; deviating 5–6% from collections of *Ripartites tricholoma* (JF908750, MH856715, OR486183 and OR486189).

Ecology and distribution: In sandy dry *Pinus sylvestris* forests, so far known from Northern parts of Finland and Sweden. Occasional within known distribution.

Specimens examined: Finland: Koillismaa, Posio, Livojärvi, *Pinus sylvestris* forest rich in lichens, 18 Sept. 1983, T. Ulvinen, OULU GAJ.15729 (holotype), K(M) 1441605 (isotype), GenBank OR486177. Taivalkoski, Loukusa, dry *Pinus sylvestris* forest on the esker, with some *Picea* and *Betula*, 30 Aug, 2008, I. Kytövuori 08-0452, H6032668 (H), GenBank OR486185; Perä-Pohjanmaa, Rovaniemi, Ounasvaara, sandy *Pinus sylvestris* forest with a few *Picea abies*, 24 Sept. 2015, O. Palmén & T. Kekki 2112, GAJ.15999 (OULU), GenBank OR486179; Kittilän Lappi, Kolari, Äkäsjokisuu, *Pinus sylvestris* dominated forest slightly fertilized by calcareous dust, 14 Sept. 1983, T. Ulvinen, GAJ.15730 (OULU), GenBank OR486184.

Etymology: The species is found in boreal forest of *Pinus sylvestris*.

Notes: *Ripartites borealis* differs from other members in the genus *Ripartites* by the habitat in dry and sandy pine forests. From *R. tricholoma* it is separated also by the absence of hairs on the cap margin and of watery spots in the centre of the pileus.