

Nomenclatural novelties : T. Niemelä & L. Ryvarden

Ceriporiopsis ethiopica Niemelä & Ryvarden, sp. nov.

IF 551870

Holotype H, Niemelä 2858

Basidiocarps annual, resupinate, adnate, up to 1 mm thick, margin wide, white to pale ochraceous; pore surface pale ochraceous, pores round 4–5 per mm; tubes concolorous, up to 0.4 µm deep, context white and up to 1 mm deep, a thin black-brown hairline seen in section between the tubes and context. Hyphal system monomitic; generative hyphae with clamps, in tubes 2–3.5 µm wide, in subiculum 3.5–6 µm wide. Cystidia absent. Basidia 14–15 × 5–6 µm, tetrasterigmatic, with clamps at the base. Basidiospores 4–5 × 2.5–3 µm, elliptic, thin-walled, hyaline and negative in Melzer's reagent.

Notes: Roots of an unknown hardwood stump, turned over in pastureland. Known only from the type locality in Ethiopia, Oromia region, Welega, 3 km east of Nekemet, Niemelä, 30 Oct. 1982, isotype in O. The species is similar to *Ceriporiopsis subalba* from Cameroon, which however has smaller pores, 5–6 per mm, and a pure white basidiocarp. Further, its basidiospores are almost subglobose, i.e. 4.5–5 × 3.5–4 µm.

Lentinus ramulicola Niemelä, sp. nov.

IF 551871

Holotype H, Niemelä 9021

Basidiocarps annual, stipitate, cap 2.5–3.5 cm across, up to 1 mm thick, glabrous, waxy white but brownish towards the umbilicate centre and dark brown deeper in, margin fimbriate with projecting white cilia; pore surface white, pores radially elongated or angular, 4–5 per mm; stipe ca. 1 cm long, 2–3 mm thick, white, surface a little rough; tubes and context white. Hyphal system dimitic, generative hyphae thin-walled, with clamps, skeletal thick-walled to subsolid, tapered and branched at apical parts. Cystidia absent. Basidia 18–20 × 6–7 µm, tetrasterigmatic, with a basal clamp. Basidiospores 8–9.5 × 3.5 µm, cylindrical and often tapered towards the apiculus, thin-walled, hyaline, negative in Melzer's reagent.

Notes: On fallen branches in miombo woodlands. Known only from the type locality in Zambia, Central Prov., Kapiri Mposhi Dist., Chief Nkole village, Niemelä, 8 Feb. 2013, isotype in O. We thank Josef Vlasák for sequencing the type and confirming its difference from related species. This species resembles *Polyporus tricholoma* (*Lentinus tricholoma*) which, however, has round and very small pores, 7–9 per mm.

Trametes afrozonata Niemelä & Ryvarden, sp. nov.

IF 551872

Holotype H, Niemelä 5443

Basidiocarps annual, sessile, unguulate to triquetrous, 6–10 cm broad, projecting 3.5–5 cm from substrate, up to 5 cm thick at base, above matt, pale beige coloured but with narrow brownish zones; pore surface greyish brown, pores round, 3–4 per mm; context golden brown to pale tobacco, with regular, narrow, paler-and-darker zones, concentric from the point of attachment; tube layer concolorous, up to 1 cm. Hyphal system trimitic; generative hyphae thin-walled, 2–3 µm, with clamps; skeletal hyphae yellow-brown, thick-walled, 4–6 µm, dextrinoid; binding hyphae brown,

subsolid, 2–3 μm , branched. Cystidia absent. Basidia not seen. Basidiospores 11–13 \times 4.0–4.5 μm , narrowly elliptic, often tapering towards the distal end, thin-walled, hyaline and negative in Melzer's reagent.

Notes: On a robust stump of *Brachystegia* left standing in an agricultural field. Known only from the type locality in Tanzania, Ruvuma Reg., Songea Dist., Mlilayoyo 50 km N of Songea, Niemelä, 11 Dec. 1990, isotype in O. The sturdy shape and brown colours make this species reminiscent of some *Fomes* or *Inonotus* species, but microscopy does not support any links to those genera. Fruit bodies are light-weight when fresh, and easy to cut with a knife.