

Nomenclatural novelties : Glen Dierickx, Marie Froyen, Roy Halling, Komsit Wisitrassameewong, Lynn Delgat, Eske De Crop & Annemieke Verbeken

Lactifluus caliendrifer Froyen & De Crop, sp.nov.

IF829914

Basidiocarps small (up to 3.5 cm cap diam.) and turning brown when bruised. Cap very velvety to tomentose, white to cream-coloured. Stipe smooth to velvety, white. Context with smell fruity, strong. Latex copious, watery white to white, sticky, turning dark yellow to mustard brown; taste acrid and a bit bitter. Basidiospores broadly ellipsoid, (5.8) 5.9–7.0–7.1–7.9 × (4.5) 4.7–5.6–5.7–6.2 μm (n=40, Q = 1.12–1.24–1.41); ornamented with irregular and isolated warts which are up to 1 μm high. True pleurocystidia absent, but with sterile elements in the hymenium. Pileipellis a palisade to lampropalisade. *L. caliendrifer* differs from its sister species, *L. russuliporus*, by the abundant thick-walled marginal cells, very long pileipellis hairs and slightly smaller basidia and spores with more regular and lower warts.

Holotype GENT, Wisitrassameewong 378.

Collection details: THAILAND. Doi Pui, Chiang Rai, alt. 650 m, N19°49'26"E99°52'19", bamboo forest, 3 July 2012, Wisitrassameewong 378 (isotypus MFLU). GenBank no. MK517655

Lactifluus russuliporus Dierickx & De Crop, sp.nov.

IF829913

Basidiocarps small (up to 4 cm cap diam.). Cap and stipe dry, matt, yellowish white to pale brown. Context with unpleasant, fishy smell. Latex copious, watery white, staining tissues brown. Basidiospores broadly ellipsoid 7.0–7.8-7.9–8.7 × 5.7–6.4-6.5–7 μm (n=40, Q = 1.14–1.23–1.40); ornamented with irregular and isolated warts which are up to 1.3 μm high. True pleurocystidia absent, but with few to abundant sterile elements in the hymenium. Pileipellis a lampropalisade. *L. russuliporus* differs from its sister species, *L. caliendrifer*, by its longer basidia, slightly bigger spores with a somewhat heavier and more irregular ornamentation and the absence of abundant thick-walled marginal cells.

Holotype BRI, Halling 9398.

Collection details: AUSTRALIA. Queensland: Fraser Island, Wanggoolba Creek Road, West of Central Station, alt. 90m, S25°28' E153°2', gregarious on sand with *Leptospermum*, *Syncarpia*, *Eucalyptus pilularis* and *Eucalyptus microcorys*, 27 May 2010, R. E. Halling, N. Fechner and M. Castellano, R.E.H. 9398 (isotypus NY). GenBank no. KR364097