

Lentinus sp 141107



Lentinus sp 141107 © Fran Guard

Cap: convex to centrally depressed, but eventually with upturned margins; 25 - 50 mm diameter; tomentose to strigose; chestnut to dark brown (7E6, 7F7).

Stipe: adpressed cylindrical; 20 - 60 × 4 - 5 mm; tomentose/strigose; chestnut to dark brown as cap; insititious.

Gills: adnate with a decurrent tooth or more or less sinuate; cream to white; gill edge covered in cystidia visible with a hand lens; edge irregular, finely crenate becoming ragged but not serrate.

Flesh: very tough, 2 - 3 mm thick; white, unchanging. Branching skeletal hyphae present.

Spore print: white.

Spores: subcylindrical; 11.2 - 16 × 4.5 - 6 μ m, average 12.4 ± 1.15 × 5 ± 0.4 μ m, Q = 2.15 - 2.85, average Q = 2.5 ± 0.16; inamyloid, not ornamented.

Cheilocystidia: narrowly clavate; hyphal pegs also seen on gill edge.

Pileipellis: an irregular trichoderm of interwoven and branched hyphae.

Habitat: growing on fallen wood, 40 - 70 mm diameter, of *Araucaria bidwilli* (Bunya) and *Araucaria cunninghamii* in mixed rainforest under restoration.

Notes: These specimens key to section Rigidi in Pegler's monograph on *Lentinus*, but no species fits this description. It is probably close to *L. squarrosulus* but quite distinct in both spores and macro characters.

Collections examined: PL 141107, Fran Guard, Dilkusha, Maleny, 10 November 2007; PL7910, Fran Guard, Dilkusha, Maleny, 21 September 2010.