

Fistulinella sp 1



Fistulinella sp 1 © Pat Leonard

Pileus: convex; (immature?); 10-15 mm diameter; glabrous; brown (9E5), dark brown; becoming areolate; margin appendiculate.

Stipe: clavate; 30 - 40 × 4 - 7 mm; off-white, glabrous or striate, not reticulate, with white basal mycelium.

Pores: pale straw to brown.

Flesh: white, browning in stem.

Spore print: not observed.

Spores: boletoid, narrow; 16.5 (10 – 23) × 3-5 µm, smooth, hyaline in ammoniacal solutions, inamyloid.

Pleurocystidia: subfusoid, with a narrow neck; 23-30 × 5-6.5 µm; hyaline to yellowish in ammoniacal solutions.

Pileipellis: an ixocutis composed of hyphae 5-7 µm wide, some of which collapse, with gelatinous material. Clamp-connections absent.

Habitat: on soil, humus, podzol; under *Eucalyptus umbra* in rainforest.

Notes: Watling comments on *Fistulinella prunicolor* as follows: "This is a very interesting collection with a wide spectrum of spore size." The range nearly covers the sizes presented by Cooke & Masee (18-20 × 6 µm; Cooke 1892) and those presented by Watling & Gregory (1989a) (11-13.5 × 3.8-4.5 µm), who re-examined the type specimen. If this is so, one wonders whether "*Boletus prunicolor*" is indeed a species characterised by a wide range of spore size, and therefore whether the present collection comes within the circumscription of Cooke & Masee's taxon. But, the cap is a dark brown and not viscid, so it appears to be a different species.

Collections examined: BRIP 19817, Noosa River rainforest transition, Cooloola, R.T. Baker, 23 Apr 1980.