

## *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:** 23 - 30 × 5 - 6.5 µm, subfusoid, with a narrow neck, 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.

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

**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.