

Boletus sp 17



Boletus sp 17 © Pat Leonard

Cap: convex; to 40 mm diameter; fawn (6C4); lannose, areolate, matt, dry; margin entire.

Stipe: clavate; 50 × 20 mm; white, reddening quickly when damaged, then blackening; partially striate.

Pores: adnexed; white to ivory; small and rounded to oval; 2 - 3 per mm; blackening where damaged.

Flesh: white, reddening immediately on exposure to air then blackening.

Smell: faint but distinct smell, burnt peanuts?

Spores: fusoid to subcylindric; 11.5 - 13.5 × 4 - 5 µm; not ornamented.

Cheilocystidia: not seen.

Pileipellis: not examined.

Habitat: growing singly in sand amongst *Eucalyptus* and *Melaleuca* litter.

Notes: The red bruising on the stipe followed by blackening make this fungus very distinct, it is somewhat like a *Mucilopilus*, but the cap is dry. It keys to *Boletus* in Halling, partly on account of the white pores, but it could be an unknown *Fistulinella*. Close to *Boletus* sp 'red and black' but with much paler colours.

Collections examined: PL 27409, Noosa National Park, Marcus Beach section; Patrick Leonard, 10 Apr 09.