

## *Boletus* sp 38



*Boletus* sp 38 © Patrick Leonard

**Cap:** convex; 40 mm diameter; minutely velutinate; rose (12A3); staining bright red where bruised; margin appendiculate.

**Stipe:** clavate, sub-bulbous; 45 - 50 × 10 - 14; fibrillose; cream with red (12A8-12C8) fibrils in vertical strands and red punctae.

**Pores:** adnexed; angular; 2 per mm; greyish orange becoming olivaceous; staining light brown

**Flesh:** white to very pale yellow with pink staining around margins and insect holes..

**Smell:**

**Spore print:** olivaceous brown.

**Spores:** fusiform; 10.58 - 14.38 × 5.21 - 7.43 μm, average 12.25 ± 0.95 × 6.4 ± 0.5 μm, Q = 1.63 - 2.18, average Q = 1.91 ± 0.5.

**Basidia:** clavate; 28 - 35 × 8 - 10 μm; four spored, with granular contents.

**Cystidia:** strongly clavate with dark granular contents; 25 - 30 × 12 - 15 μm.

**Pileipellis:** a trichoderm?

**Habitat:** in wet sclerophyll forest under *Eucalyptus* sp.

**Notes:** a striking red bolete with red staining not listed by Watling & Li.

**Collections examined:** PL 650419, Tewantin National Park, Patrick Leonard, 10 Apr 2019.