

## *Boletus* sp 15



*Boletus* sp 15 © Pat Leonard

**Cap:** convex; 50 - 90 mm diameter; velutinate, somewhat irregular; brownish orange (6C7, 6C8); margin entire.

**Stipe:** cylindrical; 40 - 50 × 15 - 18 mm; glabrous; yellow, staining yellow brown on handling.

**Pores:** adnexed; yellow becoming olivaceous; rounded, pentagonal; 2 per mm.

**Flesh:** pale yellow; unchanging on exposure to air

**Smell:** none.

**Spore print:** yellow brown, olivaceous.

**Spores:** fusoid; 9.9 - 12.7 × 4.1 - 6.2 µm, average 11.2 ± 1 × 5 ± 0.7 µm, Q = 1.92 - 2.8, average Q = 2.27 ± 0.34; not ornamented.

**Cheilocystidia:** not seen.

**Pileipellis:** an irregular cutis.

**Habitat:** growing in small groups in soil in wet sclerophyll forest with *Eucalyptus*.

**Notes:** this collection matches Watling & Li's species 15 with a fulvous (brownish orange) cap and yellow yellow stipe. The spores also match closely but the flesh is a very pale yellow and the staining reaction of the stipe is not recorded.

**Collections examined:** PL 630419, Tewantin National Park, Patrick Leonard, 10 Apr 2019.