

Boletus sp 37



Boletus sp 37 © Patrick Leonard

Cap: convex; 35 – 50 mm diameter; rugulose, velutinate; brown (6F7, 6D5), paler at edge.

Stipe: clavate, sub-bulbous, irregular; 25 - 40 × 10 – 15; glabrous; white, stained brown by spores.

Pores: adnexed; angular, variable sizes but mostly 1 – 2 per mm; brownish yellow (5C7).

Flesh: firm, white.

Smell: pleasant, a little like *B. edulis*.

Spore print: brown.

Spores: fusiform; 8.88 – 12.36 × 3.34 – 4.96 µm, average 10.5 ± 0.9 × 4.2 ± 0.6 µm, Q = 1.95 – 3.66, average Q = 2.53 ± 0.45.

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

Cystidia: clavate with granular contents and paired with a smaller fusiform pseudocystidium.

Pileipellis: a trichoderm.

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

Notes: a relatively small but robust bolete not listed by Watling & Li.

Collections examined: PL 640419, Tewantin National Park, Patrick Leonard, 10 Apr 2019.