

Boletus sp 24



Boletus sp 24 © Pat Leonard

Cap: convex; up to 45 mm diameter; finely felty, breaking up into scleroderma like warts; dull grey-brown (9E4); margin appendiculate.

Stipe: cylindrical to centrally swollen, tapering to a rooting base, hollow in centre; up to 30 × 15 mm; smooth with scurfy scales on lower 2/3rd; red at apex (possibly from spores), straw-grey below with olivaceous scurfy scales.

Pores: adnate with a decurrent tooth; small and irregular; brick red.

Flesh: bright yellow, unchanging on exposure to air.

Taste: not recorded

Spore print: brick red?

Spores: ellipsoid; 7.8 – 10.5 × 4 – 5.3 µm, average 8.8 ± 0.7 × 4.7 ± 0.3 µm, Q = 1.52 – 2.28, average Q = 1.88 ± 0.17; thick walled.

Basidia: narrowly utriform; 30 – 40 × 7 – 8 µm; four spored, with dark contents in KOH.

Cheilocystidia: not recorded

Pleurocystidia: clavate; 35 – 45 × 7.5 – 9 µm; with dark contents in KOH.

Pileipellis: a trichoderm.

Substrate: in sandy soil.

Habitat: in mixed woodland with *Melaleuca*, *Allocasuarina* and *Eucalyptus*, but nearest to *Callitris*.

Notes: a very distinctive small Bolete with a warty cap and brick red pores and a red band at the top of the stipe. It does not key to a species in Watling & Li.

Collection: PL53413, Arthur Harrold Reserve, Cooloola, Great Sandy N.P., Pat Leonard, 12 Apr 2013.