

*Boletus* sp 'red & gold'



*Boletus* sp 'red & gold' © Pat Leonard

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

**Stipe:** widest in middle, tapering to a rooting base, hollow in centre; 30 × 15 mm; smooth with scurfy scales on lower 2/3rds; red at apex, 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.

**Spore print:** red brown?

**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:**

**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, yellow flesh and a red band at the top of the stipe. It does not key to a solution in Watling & Li.

**Collections examined:** PL53413, Arthur Harrold Reserve, Cooloola, Noosa N.P., Pat Leonard, 12 Apr 2013.

