

## *Boletellus deceptivus*

**Cap:** hemispherical becoming convex; 45 – 90 mm; dry, matt, smooth, fibrillose at first, becoming areolate, not developing scales except at the cap margin; dark red overall (10C7 – 10E7), but as cap becomes areolate the red is retained on the patches revealing cream flesh between; margin appendiculate, adpressed to edge of pores.

**Stipe:** ± cylindrical; 80 – 120 × 15 – 24 mm; dry, fibrillose, covered with minute vertically arranged fibrils, with scabrosities on upper half; yellowish at apex, dark red fibrils, lower half pale to pink on a cream base..

**Pores:** almost free, excavated around the stipe; bright yellow, becoming olivaceous brown; pentagonal; 1 per mm; bruising bright blue.

**Flesh:** in pileus ± white, becoming slowly dark blue with some dark red patches in the stipe.

**Spore print:** dark olivaceous brown.

**Spores:** fusoid costate; 15.3 - 17.8 × 6.2 – 7.9 µm, average 16.5 ± 0.8 × 6.9 ± 0.4 µm, Q = 2.04 – 2.61, average Q = 2.39 ± 0.18; longitudinally striate, 3 – 5 furrows vertical or somewhat spiraloid, cross striae absent; some with 1 – 3 oil droplets.

**Basidia:** clavate, two spored; 40 – 50 × 11 – 14 µm; with granular brownish contents.

**Pleurocystidia:** present, lageniform to slightly subcapitate, 34 - 38 × 8 – 10 µm; thick walled, some septate.

**Cheilocystidia:** as pleurocystidia.

**Pileipellis:** a turf of erect to suberect, slightly swollen ellipsoid cells (12.4-18 µm broad) to rounded cells (8.25 µm broad) apparently not disarticulating, hyaline.

**Habitat:** often fruiting about 30 cm above ground on trunks of *Melaleuca littoralis* and *Allocasuarina littoralis* in wet sclerophyll forests.

**Notes:** description based on PL1311. This collection differs from Watling & Li's but matches Fechner & Halling's recently described *B. deceptivus*.

**Collections examined:** PL1311, Firebreak trail, Noosa National Park, Barry Abrahams, 9 Mar 2011; IP 2, photographed by Isobel Pert, Weyba Esplanade, Noosa, 10 Feb 1998.



*Boletellus deceptivus* © Isobel Pert