

*Boletus (Xerocomus) sp 30*



*Boletus (Xerocomus) sp 30* © ?

**Cap:** convex; 35 – 45 mm diameter; glabrous, olivaceous brown to red brown (4B4, 12B6), margin retracted from the pores.

**Stipe:** tapering to base; 60 – 70 × 3 – 6 mm; dry, striate in upper half, smooth at base; more or less cream with yellow tints and beetroot red near base.

**Pores:** adnexed, excavated around stipe; spongy, mustard, greenish yellow, bruising blue; becoming brownish with age; pores irregular, somewhat maze like.

**Flesh:** white in cap and upper 2/3rds of stipe, beetroot in lower 1/3<sup>rd</sup>; blueing on exposure to air.

**Taste:**

**Spore print:** olivaceous brown.

**Spores:** amygdaliform; 10.6 – 14.2 × 4.1 – 5.9 µm, average 12.4 ± 0.9 × 5 ± 0.5 µm, Q = 2.17 – 2.95, average Q = 2.5 ± 0.24; smooth.

**Basidia:** not observed.

**Pleurocystidia:** very irregular, clavate or langeniform, staining dark brown in KOH; 40 – 60 × 9 – 16 µm.

**Pileipellis:** a somewhat confused cutis.

**Substrate:** dry clay soil and litter in brigalow forest.

**Habitat:** in brigalow woodland under *Allocasuarina cristata*.

**Notes:** a typical *Xerocomus* with no very special features, but given the locality this must be a native and cannot be found in Watling.

**Collections examined:** PL56414, Stockyard, Lockyer Valley, Susie Webster, 12 April 2014.