

Xerocomus sp 30



Xerocomus sp 30 © Susie Webster

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 2/3rd of stipe, beetroot in lower 1/3rd; blueing on exposure to air.

Taste: not noted.

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 lageniform, 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.