

Boletus alliciens Berk.



Boletus alliciens © David Holdom

Cap: Convex; 50 – 60 mm diameter; dry, matt, minutely felty, rugulose; violaceous to reddish brown (11E7); margin slightly appendiculate.

Stipe: clavate; 50 – 60 × 15 – 20 mm; fibrillose; pale yellow at apex (1A4, 2A4), straw colour lower down; lower half blackening on handling or with age.

Pores: deeply adnexed; small with a notably uneven surface, some rounded, others oval or slot-like; bright yellow at first, pale blueing on bruising; becoming olivaceous brown as the spores mature.

Flesh: white, turning pale blue above the pores.

Spore print: olivaceous brown.

Spores: amygdaliform; 8.8 – 11.3 × 3.7 – 5.2 μm ; average 10.3 ± 0.8 × 4.45 ± 0.45 μm , Q = 1.76 – 2.77, average Q = 2.33 ± 0.29; smooth, moderately thick walled with yellow contents in KOH.

Basidia: clavate; 25 – 30 × 7 – 8 μm ; two and four spored.

Pleurocystidia: numerous, broadly clavate; 25 – 35 × 8 – 9 μm ; with dark spotted contents in KOH.

Pileipellis: a trichoderm.

Substrate: soil.

Habitat: in dry sclerophyll forest growing with *Eucalyptus resinifera*.

Collections: PL 161108, near Pomona, Black Mountains, Pat Leonard, 30 November 2008; UWA 1436 (Wat. 11086), Bibra Lakes, Western Australia, A. Young, 21 Jun 1971; PL35413, Texas Road 10 km from Stanthorpe, David Holdom, 9 April 2013.

Notes: These specimens seem to agree with details published by Watling for Berkeley's *B. alliciens*, but unfortunately there is no type at K for analysis.