

Boletus barragensis



Boletus barragensis © Pat Leonard

Cap: convex; up to 50 mm diameter; matt, very dark blood red to madder brown (11B8); margin somewhat retracted.

Stipe: cylindrical, or attenuated upwards; up to 50 × 10 mm; reddish madder to almost blood red above, pallid with fine reddish specks or somewhat anastomosing fibrils below, forming a reticulate surface.

Pores: minute, leaving sulcus around stipe, bright lemon yellow.

Flesh: blueing rapidly on cutting (?).

Spores: subfusiform to cylindric; 14.6 - 20.4 × 5.1 - 6.4 μm, Q = 3.0; slightly thick-walled, pale brownish yellow in 5% KOH.

Cheilocystidia: not seen,

Pileipellis: a trichodermium of filamentous to cylindric hyphae, 2.5 - 8 μm diameter.

Habitat: solitary at the base of a *Eucalyptus* trunk. Specimens collected in April and July.

Notes: description based on Grgurinovic & Watling and Li (as *B. obscureorubens*), both of which lack field details. Cleland's *B. luridus* is not this fungus; he described it as having a yellow stem. Grgurinovic's description is based on NSW material. More collections needed.

Collections examined: Watling's two collections from Queensland appear to be in Edinburgh. The collection photographed is from the Maroochy Bushland Botanic Garden.