

Boletus sp NDR11



Boletus sp NDR11 © Pat Leonard

Cap: convex; 75 – 90 mm diameter; glabrous, greyish magenta, old rose (13B5, 13B6); margin appendiculate.

Stipe: clavate; 50 – 60 × 18 – 25 mm; strongly reticulate; bright yellow (2A5, 2A6); bruising blue.

Pores: adnexed; very fine and rounded; yellowy red; bruising blue immediately on exposure.

Flesh: white to pale yellow but instantly a brilliant blue on cutting (21A8).

Taste:

Spore print: not obtained.

Spores: ellipsoid; 8.3 – 11 × 4.4 – 6 μm , average $9.7 \pm 0.6 \times 5.1 \pm 0.45 \mu\text{m}$, $Q = 1.57 - 2.46$, average $Q = 1.52 \pm 0.28$; smooth.

Basidia: clavate; four spored.

Cheilocystidia: fusoid, prominent.

Pleurocystidia:

Pileipellis: a cutis.

Habitat: in tall Eucalypt forest.

Notes: the red cap and bright yellow reticulate stem together with the very strong blueing reaction make this species distinctive. Not found in Watling & Li! *Boletus* s.l.

Collections examined: NDR11, North Dr Roberts, Girraween Natuinal Park, Megan Prance, 11 Apr 2015.