

Boletus aff emilii



Boletus aff emilii © Pat Leonard

Cap: convex; 45 - 90 mm diameter; rich reddish brown (9D7), paler towards the margin; minutely scaly giving a suede like surface when young; margin somewhat appendiculate.

Stipe: swollen when young, but becoming clavate; not reticulate, lemon-yellow at apex, more intense reddish brown with distinct orange colours, towards base floccose reddish-punctate, lemon-yellow where buried in soil.

Pores: orange-yellow but with orifice distinctly reddish orange showing against the background of orange-yellow.

Flesh: lemon-colour to yellow in pileus, chrome-yellow in stipe, immediately blue on cutting except for retention of lemon-yellow below the rich carmine-red pileus cuticle.

Spores: amygdaliform; 9 - 13 μm \times 3.5 - 4.8 μm , smooth.

Pleurocystidia: fusoid; 30 - 50 \times 8 - 12 μm , hyaline in ammoniacal solutions, rare, thin-walled, easily collapsing.

Pileipellis: a trichoderm of cylindrical hyphae, 4 - 5 μm wide, forming a thin brown layer of suberect elements.

Habitat: in groups in soil, usually on banks, under *Eucalyptus* in wet sclerophyll forest.

Notes: Watling and Li say that their specimen agreed in almost all respects with the European species. The present collection is also close but differs from Alessio's description (as *B. aemilii*) by having richer red colouration and a more rapid blueing reaction.

Collections examined: PL35607, Maroochy Bushland Botanic Garden; 11 Jun 07; PL3614, Mapleton Forest, Pat Leonard, 7 Jun 2014.