

Australopilus sp



Australopilus sp © John Dearnaley

Cap: convex; 35 – 50 mm diameter; glabrous, viscid at first; bright orange red; margin appendiculate.

Stipe: more or less cylindrical; 55 10 mm; glabrous; with a yellow band at the apex and orange below, with a white band at the base or up to half way.

Pores: adnate; white at first but becoming pale pinkish grey; gelatinous texture.

Flesh: white with some flecks of red.

Taste:

Chemical reactions: none noted.

Spore print: faint pink.

Spores: fusoid; $8.6 - 10 \times 3.5 - 4.8 \mu\text{m}$, average $9.3 \pm 0.45 \times 3.9 \pm 0.35 \mu\text{m}$, $Q = 1.8 - 2.78$, average $Q 2.4 \pm 0.26$; smooth, many with 2 regular oil drops.

Basidia:

Pileipellis: an ixocutis.

Habitat: in dry sclerophyll forest under Ironbark.

Notes: this bright orange red fungus with an orange band on the stipe is unmistakable. It seems to be common on the very acid soils of the Crows Nest National Park but not to be present in coastal heaths.

Collections examined: PL56313, Crows Nest National Park, John Dearnaley, 14 Mar 2013.