

Chalciporus aff aurantiacus



Chalciporus aff aurantiacus © Pat Leonard

Cap: shallowly convex; 30 – 40 mm diameter; dry, glabrous; golden yellow brown to brownish orange (5C6), margin retracted.

Stipe: tapering downwards with apex widening considerably; 30 – 50 × 5 – 9 mm; dry, fibrillose and somewhat granular; concolourous with cap, but with a red band at the apex and often more red brown towards base.

Pores: adnexed; bright pinkish red at first, becoming pale dried apricot; quite large, 1 - 2 per mm, angular and somewhat irregular; do not change colour on bruising.

Flesh: fawn to yellowish fawn, unchanging on exposure to air

Spores: brown; elliptical; 7.1 – 9.3 × 3.8 – 5.6 μm , average $8.3 \pm 0.5 \times 4.9 \pm 0.4 \mu\text{m}$, $Q = 1.29 - 2.08$, average 1.72 ± 0.19 ; smooth, slightly thick walled.

Pileipellis: a trichoderm of septate hyphae 7 – 9 μm wide which appear to be pigmented brownish and have rounded inflated endings.

Habitat: growing with *Eucalyptus* in pairs at a relatively undisturbed site.

Notes: This species is close to the native New Zealand *Chalciporus aurantiacus*, a rare fungus that occurs in *Nothofagus* forests. The Queensland collection is however distinct and is recognised by its small size, pinkish red pores and its narrower spores.

Collections: PL 13314, Maroochy Bushland Botanic Garden, Pat Leonard, 14 Mar 2014.