

Gyroporus caespitosus



Gyroporus caespitosus © Pat Leonard

Cap: irregularly convex to appalunate; 60 - 100 mms diameter; viscid when moist, smooth and shining or matt when dry, the surface sometimes cracking, edge turned in somewhat when young, brown (5C4, 5D5), tinted with shades of yellow.

Stipe: clavate, hollow; 90 × 20 - 25 mms; surface matt; pale brown often with blotches of reddish brown; surface generally punctate with fine brownish granules.

Pores: rather small, rather irregular, 0.5-0.75 mm diameter; pale cream.

Flesh: up to 25 mm thick in the centre of the pileus, attenuated outwards, white turning yellow in stipe, turning yellowish brown or brownish and in places dusky bluish green, or especially where insect eaten, reddish brown.

Spore print: cream?

Spores: ellipsoid; 6.6 - 9.4 × 4.6 - 6.4 μm, Q = 1.4.

Cheilocystidia: sparse, not fasciculate; 35 - 60 × 9.0 - 16 μm, fusoid-ventricose

Pileipellis: an ixotrichoderm of filamentous, occasionally branched hyphae, 2.5 - 4.5 μm diameter.

Habitat: densely caespitose around the roots of *Eucalyptus*.

Notes: description partly based on Grgurinovic. Taxonomists seem to differ as to the correct genus for this fungus. It has variously been described as: *Boletus ovalisporus*, *Boletus caespitosus*, *Gyroporus caespitosus* and *Chalciporus caespitosus*. A very pragmatic view is taken here, that is that this fungus, whatever its correct name, currently appears to key out as a *Gyroporus* in Halling's generic key, so that it where it is placed.

Collections examined: PL 40602, Maroochy Bushland Botanic Garden; 11 Jun 07.