

Phlebopus marginatus



Phlebopus marginatus © Fran Guard

Cap: usually convex and large, 280 – 600 mm diameter. Slightly velvety in texture, it has dingy greenish brown to yellowish olive colours and can be quite dark chestnut when old.

Stipe: base bulbous and sometimes radicating (with a short conical root in the ground), very stout; 100 – 200 mm high and swollen to 125 mm. The stipe has the same velvety texture as the cap but a paler brown.

Pores: free; very soft, spongy, pinkish yellowy green at first, becoming darker with age.

Flesh: dingy white and may turn yellowish green or blueish green.

Taste: mild.

Spore print: olive brown.

Spores: subglobose to ellipsoid; $6.2 - 8 \times 5.4 - 7.4 \mu\text{m}$, average $7 \pm 0.5 \times 6.3 \pm 0.5 \mu\text{m}$, $Q = 1.03 - 1.34$, average $Q = 1.13 \pm 0.09$; smooth, thick walled.

Basidia: clavate; four spored.

Pleurocystidia: not seen.

Pileipellis: an ixotrichoderm of interwoven hyphae.

Habitat: on the ground amongst litter in rich soil in rainforest and wet sclerophyll forests.

Notes: This is a very large Bolete and thought to be relatively common. The combination of the dingy colours, large size and unusual spores define the species.

Collections examined: AQ808817, Cumberland Forest, NSW, Tony Young, 9 May 1983; PL430415, Mill Hill Road, Montville, Gretchen Evans, 6 Apr 2015 .