

Phellodon niger



Phellodon niger © Wayne Boatwright

Cap: applanate; 30 – 55 mm diameter; smooth and shiny with roughened and broken up centre; striate and zoned; dark brown to blackish with paler zone at outer edge.

Stipe: cylindrical at apex but clavate to sub bulbous below; 15 – 40 × 5 – 12 μm ; irregular, pruinose; darkish brown.

Teeth: lower surface covered in small spines; decurrent; white with a grey violaceous tinge.

Flesh: tough, thin; black in cap which is diagnostic of this species.

Smell: curry, fenugreek when dry.

Chemical reactions: not recorded.

Spores: hyaline; 3.6 – 4 × 2.7 – 3.1 μm ; covered in short spines.

Basidia: clavate, 4-spored.

Pleurocystidia: not seen.

Pileipellis: monomitic with generative hyphae?

Habitat: growing under herbs in wet sclerophyll forest with *Eucalyptus* sp.

Notes: this small, tough fungus with teeth on the underside has black flesh in the cap.

Collections examined: PL44410, Flaxton Mill Lane, Sapphire McMullan-Fisher, 20 Apr 2010; PL32614, Maroochy Bushland Botanic Garden, Pat Leonard, 24 Jun 2014; PL70722, Eumundi Noosa Road, Judith Hewett, 3 Jul 2022; PL110624, Maroochy Bushland Botanic Garden, Amber Gould, 8 Jun 2024.

