

*Phellodon niger*



*Phellodon niger* © Pat Leonard

**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  $\mu\text{m}$ ; irregular, pruinose; darkish brown.

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

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

**Smell:** curry, fenugreek when dry.

**Chemical reactions:**

**Spores:** hyaline; 3.6 – 4 × 2.7 – 3.1  $\mu\text{m}$ ; 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 under side has black flesh in the cap.

**Collections examined:** PL44410, Flaxton Mill Lane, Sapphire McMullan Fisher, 20 April 2010; PL32614, Maroochy Bushland Botanic Garden, Pat Leonard, 24 Jun 2014.