

Phylloporus orientalis



Phylloporus orientalis © Pat Leonard

Cap: convex; to 35 - 75 mm diameter; dark brown (7F8, 7E7); velutinate; margin entire or slightly rimose.

Stipe: cylindrical, tapering in some specimens; 30 – 50 × 5 - 10 mm; golden yellow at apex, lighter brown (7D5) than cap in lower 4/5ths; striate.

Gills: adnexed, thick, moderately distant; golden yellow, bruising blue green when damaged; with two series of lamellulae.

Flesh: white with some yellow in upper stipe, brown in lower stipe, blueing slightly on exposure to air.

Spore print: brown.

Spores: fusoid; 11 - 15 × 5 µm, mostly over 12 µm long.

Pleurocystidia: prominent, thick walled, utriform; 70 – 95 × 12 – 18 µm.

Pileipellis: a trichoderm.

Habitat: growing in sand in Wallum woodland close to *Allocasuarina torulosa*.

Notes: This *Phylloporus* keys readily in Watling and should be identifiable on the combination of the dark brown velutinate cap, golden yellow gills that stain blue green, striate brown stipe and spores mainly over 12 µm long. Only known from Queensland in Australia and from subtropical east asia.

Collections examined: PL 36409, Noosa National Park, Marcus Beach section, Patrick Leonard, 10 Apr 09. PL53310, Noosa National Park, Marcus Beach section, Patrick Leonard, 17 March 2010.