

Boletus sp black



Boletus sp black © Pat Leonard

Cap: convex; \pm 50 mm diameter; distinctly greasy; glabrous; fibrils present under lense but agglutinated; sepia, greenish black (darker than 30F4) like *Lactariusturpis*; margin appendiculate

Stipe: cylindrical, tapering slightly downwards; 35 – 45 \times 10 – 18 mm; fibrillose; pale cream background with overlaid mid brown flat squamules towards apex.

Pores: adnexed; surface distinctly uneven; pores round; 7 – 8 per mm; creamy yellow when young becoming deep brown with age.

Flesh: white, unchanging on exposure to air.

Spore print: deep brown (8E4).

Spores: ellipsoid ; 5.7 – 8.1 \times 3 – 3.8 μ m, average 6.6 \pm 0.6 \times 3.5 \pm 0.2 μ m Q = 1.68 – 2.44, average Q = 1.9 \pm 0.2 ; brown in KOH with oil drops.

Basidia: narrowly clavate ; 30 – 35 \times 4 – 6 μ m; one and two spored.

Cheilocystidia: not observed.

Pleurocystidia: appear to be in small clusters; narrowly clavate; 18 – 30 μ m.

Pileipellis: not observed.

Substrate: clay soil.

Habitat: in wet sclerophyll forest dominated by *Syncarpia glomulifera*.

Notes: a dark bolete with dark brown spore print and very small ellipsoid spores. Does not key in Halling's key to the genera.

Collections examined: PL 0417, Mapleton Forest, Pat Leonard, 4 April 17.