

*Boletus prolinius* Grgur.

## Missing Image

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### *Boletus prolinius* ©

**Cap:** convex; 50 - 95 mm diameter; felted with low irregular ridges, dull; very dark brown with vinaceous tints, appearing in places darker than Buffy Brown or near Liver Brown and Carob Brown.

**Stem:** cylindric, but with a somewhat conical root, stout; 40 – 75 × 25 mm diameter; fibrillose, blackish below from points and appressed fibrils, paler and more streaky above; tinted with Garnet Brown.

**Tubes:** adnexed with a trace of decurrence, up to 18 mm deep, near Aniline Yellow or yellowish Lime Green, turning greenish yellow.

**Pores:** minute, crimson or reddish near Burnt Sienna.

**Flesh:** dingy yellowish white, turning smoky or reddish in places, especially in the stipe.

**Spores:** fusoid cylindric to subfusiform; 12.0 - 16.8 × 4.2 - 6.4 μm, Q = 3.0.

**Basidia:** clavate; 27.2 - 43.2 × 8.2 - 12.0 μm; with sterigmata up to 4.0 μm long, four-spored or two-spored,

**Cheilocystidia and Pleurocystidia:** not seen.

**Pileipellis:** a trichoderm of filamentous hyphae, golden brown in 5% KOH, terminal cells somewhat clavate or cylindric,

**Habitat:** solitary or gregarious on the ground. Specimens collected in April and June.

**Collections:** AD 000029 (holotype), Mt Lofty, South Australia, 25 Apr 1924; AD 000033, Stirling, South Australia, Mrs Matthews & Miss Robertson, 28 Apr 1946.

**Notes:** This species is characterised by its yellow tubes with red pores, the yellow stipe punctate with red and the fibrillose, matt, not viscid, cap. It can be distinguished from *Boletus erythropus* by its flesh which turns smoky or reddish in places whereas *B. erythropus* has lemon yellow flesh which turns immediately dark blue on cutting. It is also close to *Boletus* sp 20, but that has larger spores.