

Boletus aff. spadiceus



Boletus aff. spadiceus © Pat Leonard

Cap: convex; 50 - 60 mm diameter; dark purplish chestnut to brown vinaceous, with beetroot red tints towards margin; velutinate to felty; margin entire, not appendiculate.

Stipe: cylindrical; $\pm 45 \text{ mm} \times 5 - 8 \text{ mm}$, dark beetroot red; not reticulate to slightly and indistinctly covered in a dark brown reticulum; base with floccose granules, sepia or cigar-brown flushed purplish chestnut.

Tubes: adnexed; $\leq 8 \text{ mm}$ deep; copper to sulphur yellow, blueing then plum-colour.

Pores: concolorous, 1-2 per mm, subangular to irregular, depressed and slightly lamellate at stipe.

Flesh: blotched cream-colour, blueing above and in the tubes, in stipe blotched beetroot, plum or maroon-brown.

Spores: fusoid, boletoid, but distinctly curved; $9.5 - 11.5 \times 4.2 - 5.6 \mu\text{m}$, average $10.8 \pm 0.8 \times 4.6 \pm 0.5$, weakly rugulose, yellow in ammoniacal solutions.

Basidia: $18 - 27 \times 8 - 11 \mu\text{m}$, 4-spored.

Pleurocystidia: $35 - 70 \times 7 - 10 \mu\text{m}$, cylindric to clavate.

Cap cuticle: a trichoderm of upright hyphae $6 - 10 \mu\text{m}$ wide, with encrustations.

Habitat: In wet sclerophyll forest under *Eucalyptus pilularis*.

Notes: This collection looks like *Boletus ferrugineus* (ex *B. spadiceus*) except that the basidiospores are shorter. The deep beetroot red stipe and stipe flesh are also distinctive. See also *Boletus* sp 19.

Collections: PL 5409, Mapleton Forest day use area 1, Pat Leonard, 1 April 2009.