

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; $\pm 45 \text{ mm} \times 5\text{--}8 \text{ mm}$, dark beetroot red; not reticulate or indistinctly covered in a weak 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; $9.5\text{--}11.5 \times 4.2\text{--}5.6 \text{ }\mu\text{m}$, average $10.8 \pm 0.8 \times 4.6 \pm 0.5$, $Q = 2.14$; weakly rugulose, yellow in ammoniacal solutions.

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

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

Cap cuticle: a trichoderm of upright hyphae $6\text{--}10 \text{ }\mu\text{m}$ 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: PL5409, Mapleton Forest day use area, Pat Leonard, 1 Apr 2009.