

Boletellus sinapipes

Cap: convex; 40–50 mm diameter; velutinate; matt; greyish red (10D4, 10E5), rhubarb; margin retracting.

Stipe: clavate; 90 × 10 mm; striate; yellow at apex, beetroot below.

Pores: adnexed, deeply excavated; 155 mm deep; lemon yellow; 1 per mm; bruising bright blue.

Flesh: white in cap, beetroot in stem; immediately bright blue on exposure to air, fading in cap, blackening in stem.

Spores: olive drab; subcylindrical; $13\text{--}16.4 \times 4.3\text{--}6.8\mu\text{m}$, average $14.6 \pm 0.9 \times 5.55 \pm 0.6\mu\text{m}$, $Q = 2.15\text{--}3.42$, average $Q = 2.65 \pm 0.33$; ornamented with 5 longitudinal striae.

Basidia: clavate; $30\text{--}35 \times 10\text{--}12\mu\text{m}$; thin-walled; 4-spored; sterigmata to $6\mu\text{m}$ long.

Pleurocystidia: not distinctive.

Pileipellis: a trichoderm.

Habitat: fruiting on burnt dead wood of a Eucalyptus in rainforest 1.5 m above ground.

Notes: This *Boletellus* is close to Watling & Li's species 13, but the cap colour and flesh in stipe are distinctly different and match Halling & Fechner's recently described *B. sinapipes*.

Collections examined: PL2311, Linda Garrett Forest, Montville, Queensland, Susan Nelles, 26 Mar 2011.



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