

Boletus sp 'Lake Cotharaba'



Boletus sp 'Lake Cotharaba' © Pat Leonard

Cap: convex; 45 – 55 mm diameter; glabrous, dry; clay pink (8B3, 8C4); margin appediculate.

Stipe: tapering; 40 – 45 × 10 – 15mm; glabrous, dry; white.

Gills: adnexed, angular; 2 per mm; radially elongated; white to pale buff.

Flesh: thick, white, unchanging.

Smell: pleasant, a little like *B. edulis*.

Spore print: pale buff.

Spores: amygdaliform; 5.3 – 6.8 × 3.1 – 4 µm, average 6 ± 0.4 × 3.45 ± 0.3 µm, Q = 1.4 – 1.97, average Q = 1.75 ± 0.14.

Basidia: oblong; 30 – 40 × 8 – 11 µm; four spored.

Cheilocystidia: not observed.

Pleurocystidia: broadly langeniform; 50 – 60 × 9 – 10 µm; with marbled contents.

Pileipellis: a cutis of interwoven hyphae with some irregular cells.

Substrate: pure sand, beach.

Habitat: dry coastal sclerophyll dominated by paperbarks (*Melaleuca*).

Notes: keys out close to *Boletus* sp 2, but white stipe, small size and small spores are all distinct.

Collections examined: PL 240417, Elanda Point, Great Sandy National Park, 1 Apr 17.