

Boletus sp 'Elanda'



Boletus sp 'Elanda' © Pat Leonard

Cap: convex; 45 – 55 mm diameter, glabrous, slightly sticky; coppery, red brown (9E7, 9E8) with darker punctae; margin slightly appendiculate.

Stipe: tapering, radicating; 60 – 70 × 12 – 15 mm; glabrous to faintly ribbed; yellow at apex, with a pale section below and lower half beetroot red.

Pores: excavated; very small; mustard when fresh, becoming dingy brown.

Flesh: yellow brown becoming instantly light blue on cutting, with beetroot red in base of stipe.

Spore print: not obtained.

Spores: mostly fusoid, some amygdaliform; $9.6 - 13.2 \times 4.3 - 6.6 \mu\text{m}$, average $11.8 \pm 0.9 \times 5.25 \pm 0.5 \mu\text{m}$, $Q = 1.75 - 2.75$, average $Q = 2.26 \pm 0.28$.

Basidia: clavate; $40 - 50 \times 8 - 10 \mu\text{m}$; four-spored.

Cheilocystidia: not observed.

Pleurocystidia: lageniform with long pointed apex; $55 - 70 \times 10 - 13 \mu\text{m}$.

Pileipellis: an ixocutis.

Substrate: in beach sand on lake shore.

Habitat: lake shore with grasses and *Melaleuca*.

Notes: close to *Boletus* sp 19 and *Boletus* sp 21 but radicating stipe and greasy cap seem to distinguish this species.

Collections examined: PL 540417, Elanda Point, Great Sandy N. P., Pat Leonard, 1 Apr 2017.