

## *Amanita strobilaceoides*



*Amanita strobilaceoides* © Patrick Leonard

**Cap:** convex; 40–60 mm diameter; glabrous; lemon yellow (3A4); with patches of flat, pale, velar remains; margin entire, not striate.

**Stipe:** cylindrical with a sub-bulbous base; 60 × 6 mm; glabrous at the apex, becoming floccose below the ring; white; with a persistent ring two-thirds up the stipe, striate on upper side with some yellow velar remnants; a second ring zone of velar remains just above the bulb which also has yellow velar remains.

**Gills:** free; white, crowded; lamellulae in two series.

**Flesh:** white, fragile.

**Spore print:** white.

**Spores:** broadly ellipsoid; 7–10 × 5–7.5 µm, average  $8.4 \pm 0.7 \times 6.8 \pm 0.6$  µm,  $Q = 1.3\text{--}1.5$ ; average  $Q = 1.42$ ; strongly amyloid.

**Basidia:** clavate; 25–35 × 8–10 µm, 4-spored.

**Cheilocystidia:** not observed.

**Pleurocystidia:** clavate; 20–32 × 10–15 µm, with dark granular contents.

**Pileipellis:** a cutis of hyphae 5–7 µm wide.

**Habitat:** in sandy soil in a remnant of Wallum woodland with *Melaleuca*, *Acacia* and *Allocasuarina*.

**Notes:** this smallish *Amanita* should be recognizable in the field on account of its lemon-yellow cap, white stipe with a striate, yellow edged ring and a sub-bulbous base with a second vestigial yellow ring above. However, it also appears to be very rare, with only the type from New South Wales and a single collection from Queensland being recorded.

**Collections examined:** PL90324, Noosa Environment Centre, Patrick Leonard, 13 Mar 2024.