

## *Xeromphalina aff leonina*



*Xeromphalina aff leonina* © Pat Leonard

**Cap:** convex with a central depression, sometimes umbilicate; 10 – 35 mm diameter; glabrous, shiny when wet, fibrillose, breaking into squamules with age; bright orange (6B7); margin not striate.

**Stipe:** cylindrical; 50 – 80 × 3 – 5 mm; glabrous orange with small white hairs, particularly near the base.

**Gills:** decurrent; widely spaced; pale orange; lamellulae in two series.

**Flesh:** thin, tough, pale orange.

**Taste:**

**Chemical reactions:**

**Spore print:** white.

**Spores:** ellipsoid, phaeseoliform; 6.5 – 9.9 × 4.1 – 5.5  $\mu\text{m}$ , average 8.1  $\pm$  0.9 × 4.8  $\pm$  0.4  $\mu\text{m}$ , Q = 1.62 – 2.1, average Q = 1.8  $\pm$  0.2; strongly amyloid, smooth surface.

**Basidia:** clavate; 35 – 40 × 5 – 8  $\mu\text{m}$ ; two spored.

**Pleurocystidia:** clavate; 30 – 40 × 5 – 8  $\mu\text{m}$ , with orange contents, some appearing septate.

**Pileipellis:** a cutis.

**Habitat:** in wet sclerophyll forest on a standing stump with moss.

**Notes:** whilst this keys to the Genus *Xeromphalina* on the basis of white amyloid spores, decurrent gills and growing on wood, it is not *X. leonina* because the spores are too large.

**Collections examined:** PL34313, Maroochy Bushland Botanic Garden, Pat Leonard, 7 Mar 2013.