

## *Inocybe nobilissima*



*Inocybe nobilissima* © Fran Guard

**Cap:** broadly convex with a distinct umbo; 20 - 30 mm diameter; fibrillose, rimose; hazel brown (6D8) at centre, paler (6B2) at edge; margin somewhat in-rolled and splitting.

**Stipe:** cylindrical, 50 - 70 × 3 - 8 mm; glabrous; straw colour; with a small emarginate bulb.

**Gills:** adnexed to almost free; crowded; dingy pale brown at first, darkening with age.

**Flesh:** whitish, thin.

**Smell:** seminal.

**Spore print:** reddish brown.

**Spores:** stellate, nodulose; 10 - 12 × 9 - 10 μm.

**Cheilocystidia:** fusiform or lageniform; 40 - 70 × 15 - 20 μm; thick walled; with metuloids at apex.

**Pleurocystidia:** similar to cheilocystidia.

**Pileipellis:** cutis of repent hyphae 3 - 5 μm diameter, septate, with clamps.

**Habitat:** in sandy soil under *Banksia* in wallum heathland.

**Notes:** this *Inocybe* has a relatively characteristic umbonate cap with a brown fibrillose surface which splits to reveal the pale flesh beneath and an emarginate bulb. It is however generally recognised by its distinctly stellate spores. Appears to be restricted to Queensland.

**Collections examined:** PL 25609; Banksia Beach Track, Bribie Island, Pat Leonard, 27 Jun 2009; FEG 210002, Dilkusha Maleny, Fran Guard, 11 Oct 2010.