**Inocybe arenacolens**

*Inocybe arenacolens* © Pat Leonard

**Cap:** convex with a distinct pointed umbo; 15 – 25 mm diameter; very finely fibrillose; cinnamon brown (6C7), orange brown; margin smooth.

**Stipe:** cylindrical to somewhat flattened, hollow; 40 × 2 – 3 mm; finely fibrillose; paler than cap, off white with orange brown tones.

**Gills:** adnexed; moderately crowded, cinnamon brown; with one series of lamellules.

**Flesh:** thin; pale cinnamon.

**Taste:**

**Smell:** seminal, typical *Inocybe*.

**Spore print:** cinnamon brown.

**Spores:** ellipsoid to oblong; 10.2 – 11.8 × 5.5 – 6.6 μm, average = 11.4 ± 0.5 × 6 ± 0.3 μm, Q = 1.55 – 2.14, average Q = 1.86 ± 0.17; pale orange brown in KOH, not ornamented.

**Basidia:** clavate; 45 – 55 × 8.5 – 10 μm; four spored.

**Cheilocystidia:** clavate; not distinctive.

**Pleurocystidia:** absent.

**Dermatocystidia:** absent.

**Pileipellis:** a cutis.

**Habitat:** Wallum heathland at base of dune, growing with *Acacia* and *Melaleuca quinquenervia*.

**Notes:** Closer to a *Cortinarius* microscopically as it lacks prominent cystidia but spores are not really ornamented.

**Collections examined:** PL20715, Coolum National Park, Mount Emu section, Coolum Beach, Pat Leonard, 25 July 2015.