

## *Mycena nullawarensis*



*Mycena nullawarensis* © Pat Leonard

**Cap:** convex, with a flat low umbo; 20 – 25 mm diameter; dry, glabrous; lilaceous pink (17A4); margin striate.

**Stipe:** cylindrical with a slightly inflated base; 30 – 35 × 2 -3 mm; glabrous; greyish lilac pink.

**Gills:** adnexed; 18 reaching stipe, intercalated in three series; pale lilaceous.

**Flesh:** white to pale lilaceous.

**Smell:** strongly raphanoid (of fresh radishes).

**Spore print:** white.

**Spores:** ellipsoid; 6 – 8 × 4 – 6 µm, Q ± 1.5; amyloid in Melzer's reagent.

**Cystidia:** forming a sterile layer along the gill edge, mostly clavate but a few rostrate; 60 × 14 µm on average.

**Pileipellis:** regular hyphae forming a cutis.

**Habitat:** mixed rainforest with some *Eucalyptus* species, growing on the ground amongst very mixed leaf and bark litter.

**Notes:** the combination of a relatively large size (for a *Mycena*), the habitus on litter, violaceous pink colour and raphanoid smell all place this species in *Mycena* section *Calodontes*. *M. nullawarensis* may be distinguished from *M. vinacea* by the shape of the spores, this species has ellipsoid spores with a Q of about 1.5, whereas those of *M. vinacea* are narrowly ellipsoid with a Q > 1.75. The cap colour is however closer to that Grgurinovic describes for *M. vinosa*.

**Collections examined:** PL1607, Binna Burra, Lamington National Park, 4 Jun 07.