

## *Leucoagaricus leucothites*



*Leucoagaricus leucothites* © Pat Leonard

**Cap:** planoconvex; 80 – 95 mm diameter; glabrous, shiny; white with a faint brown sunburnt centre; margin entire.

**Stipe:** clavate or cylindrical with a sub-bulbous base, hollow; 80 × 10 mm; glabrous, white, browning on handling; ring narrow and free..

**Gills:** free; crowded, faintly pink; lamellulae rare.

**Flesh:** thin, white.

**Taste:**

**Spore print:** white to very pale pink.

**Spores:** ellipsoid; 6.8 – 8.9 × 4.6 – 6.8 µm, average 7.9 ± 0.6 × 5.75 ± 0.5 µm, Q = 1.23 – 1.7, average Q = 1.38 ± 0.12; smooth; somewhat thick walled, with one or two oil droplets, dextrinoid.

**Basidia:** strongly clavate; 20 – 27 × 7.5 – 9 µm; four spored.

**Pleurocystidia:** absent.

**Pileipellis:** a cutis.

**Substrate:** soil.

**Habitat:** grassland and pasture.

**Notes:** This fungus has free gills and smooth spores which can be pale pink and are also an odd character for this genus. It appears to be rare in Queensland but commoner in southern states. It is also widely recorded under the name of *Leucoagaricus naucinus*.

**Collections examined:** PL1314, Clark's Farm; Bellthorpe, 11 March 2014.

