

## *Cribbea turbinispora*



*Cribbea turbinispora* © Glenda Walter

**Fruiting body:** more or less oval with a flat top or depression, sides and base distinctly sulcate/fluted; 40 - 45 mm diameter; fawn and glabrous in central depression, sides velutinous, grey then darkening, base remaining white.

**Rhizoid:** tapering towards base; 12 - 15 mm at apex, 3 mm near base  $\times$  25 - 45 mm tall; tough, irregular surface with encrusted dirt; possibly attached to buried wood.

**Hymenium:** loculate; irregular; white; with central columella.

**Flesh:** white, firm.

**Spore print:** not obtained but thought to be white.

**Spores:** globose; 15.5 - 24.5  $\times$  17 - 25.5; smooth; thick walled; with rounded globules (at  $\times$  1000) but turbinate structures cannot be seen with light microscope

**Basidia:** clavate with very short sterigmata; 2-spored.

**Cheilocystidia:** very varied in shape, but including langeniform and subcapitate cystidia which appear to be confined to this species.

**Pleurocystidia:** not observed.

**Dermatocystidia:** absent.

**Pileipellis:** a hymenium with thick walled clavate terminal cells.

**Habitat:** growing on the ground in a dry rainforest environment with *Atalaya salicifolia* (whitewood).

**Notes:** the relatively large smooth spores, white flesh and the long rhizoid all help to define this as *Cribbea turbinispora*. This collection had slightly smaller spores than the type (Lebel & Catcheside 2009) but is close to the previous Queensland collection at Mt Baldy. This appears to be a rare fungus.

**Collections examined:** GW130916, Redwood Park, Toowoomba, Glenda Walter, 18 Sep 2016.