

**Pertusaria miscella** A.W.Archer, *Mycotaxon* 41: 232 (1991)

T: Clarke Ra., 46 km S of Proserpine, Qld, 20°50'S, 148°32'E, 29 June 1986, *J.A.Elix* 20942; holo: CANB.

Illustration: A.W.Archer, *Biblioth. Lichenol.* 69: 194, fig. 75 (1997).

Thallus off-white to very pale grey, thin, slightly wrinkled and cracked, smooth and glossy, lacking soredia and isidia. Apothecia conspicuous, disciform, scattered, the discs clustered on flattened verruciform swellings, subhemispherical or irregular in outline, concolorous with the thallus, 1–3 mm wide; disc white, plane or concave, sunken, 0.3–0.5 mm diam., epruinose; margin inrolled. Ascospores 1 per ascus, ellipsoidal, smooth, 100–130 × 30–40 (–50) µm; wall c. 1 µm thick.

*Chemistry*: Thallus K+ yellow, KC–, C–, Pd+ yellow; containing lichexanthone (major) and thamnolic acid (major).

An endemic, corticolous species known from two localities in north-eastern Qld.

Qld: Bambo Ra., 79 km SSE of Coen, *H.Streimann* 56689 (CANB).

The species is characterised by disciform apothecia on verruciform swellings, monosporous asci and the presence of lichexanthone and thamnolic acid in the thallus.