

Pertusaria albopunctata A.W.Archer & Elix, *Australas. Lichenol.* 65: 30 (2009)

T: Zillie Falls, 12 km by road NE of Millaa Millaa, Qld, 17°28'29"S, 145°39'22"E, alt. 705 m, on fallen tree in remnant rainforest, 2 July 2006, *J.A.Elix 39499*; holo: BRI.

Illustration: A.W.Archer & J.A.Elix, *op. cit.* 36, fig. 1.

Thallus pale olive-green, thin, somewhat discontinuous, smooth and dull, lacking isidia, sorediate; soredia in well-defined soralia. Soralia white, scattered, sessile, becoming subhemispherical, occasionally forming sterile, sorediate discs 0.3–0.8 mm diam. Apothecia not seen.

Chemistry: Stictic acid (major), constictic acid (minor), peristictic acid (trace), cryptostictic acid (trace), ± substictic acid (trace), ± hypostictic (trace), norstictic acid (trace).

Occurs on the branches of trees in and at the margins of tropical and subtropical, montane rainforest in eastern Qld.

Qld: Cherry Plains Picnic Area, Bunya Mountains Natl Park, *J.A.Elix 38810* (CANB); Millaa Millaa Falls, 4 km S of Millaa Millaa, *J.A.Elix 39311* (CANB).

The species is characterised by the sorediate thallus, the absence of apothecia and the presence of the stictic acid chemosyndrome. It resembles *P. leucosorodes* Nyl. (*q.v.*) in morphology, but that species contains thamnolic acid.