

Pertusaria psoromica A.W.Archer & Elix, *Mycotaxon* 50: 206 (1994)

T: Kaiwaka, Otamea County, North Is., New Zealand, *J.K.Bartlett* 24219; holo: AK 192231.

Illustration: A.W.Archer & J.A.Elix, *op. cit.* 205, fig. 5.

Thallus dull fawn or pale olive-green, areolate and cracked, smooth or subtuberculate, somewhat glossy. Isidia absent. Soralia numerous, conspicuous, discoid or hemispherical, white, initially pustulate, composed of granular soredia, 0.5–2.0 mm diam. Apothecia not seen.

Chemistry: Thallus K–, KC–, C–, Pd+ intense yellow; containing psoromic acid (major) and consporomic acid (minor).

This corticolous species occurs in rainforest in eastern Qld and north-eastern N.S.W.; also in Papua New Guinea, Norfolk Is. and New Zealand.

Qld: Mt Baldy, 4 km S of Atherton, *J.A.Elix* 16276 (CANB); Mt Windsor Tableland, 45 km NW of Mossman, *J.A.Elix* 16445, 16449 (CANB). N.S.W.: Wiangaree Forest Drive, Tweed Ra., *G.Kantvilas* 645/88 (HO, NSW); Bar Mtn Lookout, Border Ranges Natl Park, *A.W.Archer* P480 (NSW).

Characterised by conspicuous soralia and the presence of psoromic acid. The latter feature distinguishes it from *P. leucosorodes* which contains thamnolic acid.