

**Pertusaria verdonii** A.W.Archer, in J.A.Elix, H.Streimann & A.W.Archer, *Proc. Linn. Soc. New South Wales* 113: 68 (1992)

T: near Broken Pine, Mount Pitt Reserve, Norfolk Island, 29°01'30"S, 167°56'20"E, alt. 240 m, on *Elaeodendron* in mixed subtropical rainforest, 2 Dec. 1984, *J.A.Elix 18283*; holo: CANB.

Illustration: A.W.Archer, *op. cit.* 66, fig. 2D.

Thallus olive-green, wrinkled and cracked, smooth and dull, lacking isidia, sorediate. Soralia conspicuous, scattered, hemispherical, concolorous with the thallus, 1.0–1.5 mm diam. Apothecia absent.

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

A rare, endemic corticolous species known only from Norfolk Island and north-eastern Qld.

Qld: Tully Gorge, 49 km NW of Tully, *J.A.Elix 36988* (CANB).

The species is characterised by the sorediate thallus and the presence of picrolichenic acid and lichexanthone.