

***Pertusaria nebulosa*** A.W.Archer, in J.A.Elix, H.Streimann & A.W.Archer, *Proc. Linn. Soc. New South Wales* 113: 65 (1992)

T: Duncombe Bay, Norfolk Island, 29°00'20"S, 167°57'30"E, alt. 100 m, on *Elaeodendron* in regrowth forest just S of the Captain Cook Memorial, 3 Dec. 1984, *J.A.Elix 18389*; holo: CANB.

Illustration: J.A.Elix, H.Streimann & A.W.Archer, *op. cit.* 66, fig. 2B.

Thallus pale olive-green, slightly tuberculate, smooth and glossy, lacking isidia and soredia. Apothecia verruciform, conspicuous, numerous, rarely confluent, flattened-hemispherical, becoming constricted at the base, 0.8–1.5 (–2.0) mm diam. Ostioles conspicuous, black, lacking a hyaline margin, 1–4 per verruc. Ascospores 4 per ascus, uniseriate, ellipsoidal, smooth,  $95\text{--}115 \times 30\text{--}35 \mu\text{m}$ .

*Chemistry*: Thallus K–, KC–, C–, Pd–; no lichen compounds found.

This corticolous endemic species is known only from the type locality in Norfolk Island.

*Pertusaria nebulosa* is characterised by 4-spored asci, conspicuous ostioles and the absence of lichen compounds.