

Pertusaria maritima A.W.Archer & Elix, *Telopea* 6: 19 (1994)

T: near junction of tracks to Mutton Bird Point and Intermediate Hill, Lord Howe Island, 31°32'43"S, 159°04'48"E, 21 June 1992, *J.A.Elix* 32765; holo: CANB.

Illustration: A.W.Archer & J.A.Elix, *op. cit.* 16, fig. 5.

Thallus pale yellowish grey to pale yellow, thin, somewhat areolate and cracked, smooth and dull. Isidia absent. Soralia yellow, scattered, slightly immersed, 0.2–0.5 mm diam. Apothecia not seen.

Chemistry: Thallus K–, KC+ orange, C+ orange, Pd–; containing thiophanic acid (major), 2-chloro-6-*O*-methylnorlichexanthone (minor), stictic acid (minor), constictic acid (trace) and 4-chloro-6-*O*-methylnorlichexanthone (trace).

This predominantly coastal, corticolous species is found in south-eastern Qld, eastern N.S.W. and Lord Howe Is.

Qld: 5 km E of Injune, *J.A.Elix* 34021, 34022, 34023 (CANB). N.S.W.: Hat Head Natl Park, *A.W.Archer* P385 (NSW); Fishermans Bluff, Kattang Nature Reserve, *A.W.Archer* P607 (NSW); Birnie Lokout, Ku-ring-gai Chase Natl Park, *A.W.Archer* P.764 (NSW); Moree–Mungindi road, 13 km W of Garah, *J.A.Elix* 33948 (CANB).

Pertusaria maritima is characterised by the pale yellowish grey to yellow thallus with scattered, sunken, yellow soralia. It resembles the saxicolous *P. xanthoplaca*.