

Pertusaria thamnolica A.W.Archer, *Mycotaxon* 44: 16 (1992)

T: E side of Mooney Mooney Ck, c. 8 km WSW of Gosford, N.S.W., 33°26'E, 151°15'S, 24 May 1991, A.W.Archer P178; holo: NSW; iso: CANB.

Illustration: A.W.Archer, *op. cit.* 15, fig. 4 (1992).

Thallus off-white to pale grey, areolate and cracked, smooth and dull. Soredia and isidia absent. Apothecia conspicuous, scattered, disciform; disc pale orange, white-pruinose, 0.5–1.5 mm diam., with thick inrolled margins. Ascospores 8 per ascus, uniseriate, ellipsoidal, smooth, 22–32 × 12–17 µm; ascospore wall c. 1 µm thick.

Chemistry: Thallus K+ yellow, KC–, C–, Pd+ yellow; containing thamnolic acid (major).

An uncommon, corticolous species in eastern N.S.W.; also in New Zealand.

N.S.W.: Old Lindesay Hwy, 7 km NE of Woodenbong, A.W.Archer P401 (NSW); Gibraltar Range Natl Park, 60 km ENE of Glen Innes, A.W.Archer P440 (NSW); Buckenbowra R., 7.5 km W of Batemans Bay, J.A.Elix 22630 (CANB).

Pertusaria thamnolica is characterised by 8-spored asci and the presence of thamnolic acid. The latter feature distinguishes it from *P. truncata*.