

Doubtful and Excluded Species

Pertusaria dermatodes Nyl., *Ann. Sci. Nat., Bot.*, sér. 4, 11: 241 (1859)

T: Nuku Hiva, Marquesas Is., *D.Jardin s.n.*; holotype: H-NYL 23618.

Pertusaria dermatodes was reported from Queensland (J.F.Shirley, *Proc. Roy. Soc. Queensland* 6: 145, 1889), but no Australian specimens of this tropical species can be confirmed.

Pertusaria coniophora Elix & A.W.Archer, in J.A.Elix, A.Aptroot & A.W.Archer, *Mycotaxon* 64: 20 (1997)

T: Cape Conran, 18 km E of Marlo, Vic., 37°49'S, 148°44'E, 21 Nov. 1978, *J.A.Elix* 5297; holotype: CANB.

This is *Mycoblastus coniophorus* (Elix & A.W.Archer) Kantvilas & Elix (*vide* G.Kantvilas, *Lichenologist* 41: 163, 2009).

Pertusaria coniophorella Elix & A.W.Archer, *Australas. Lichenol.* 60: 21 (2007)

T: junction of Oxley Hwy and Tobins Rd, Cottan-Bimbang Natl Park, c. 70 km E of Walcha, N.S.W., 31°22'22"S, 152°03'37"E, alt. 1040 m, on dead wood in wet *Eucalyptus* forest, 28 Apr. 2005, *J.A.Elix* 36398; holotype: CANB.

This is *Mycoblastus coniophorus* (Elix & A.W.Archer) Kantvilas & Elix (*vide* G.Kantvilas, *Lichenologist* 41: 163, 2009).

Pertusaria jamesii Kantvilas, *Lichenologist* 22: 296 (1990)

T: Little Fisher R., Tas., 9 June 1982, *G.Kantvilas* 190/82; holotype: HO.

This is *Gyalectaria jamesii* (Kantvilas) I.Schmitt, Kalb & Lumbsch (*vide* I.Schmitt, J.D.Frankhauser, K.Sweeney, T.Spribille, K.Kalb & H.T.Lumbsch, *Mycology* 1: 81, 2010).

Pertusaria gyrophorica A.W.Archer, *Mycotaxon* 44: 13 (1992)

T: 2 km N of Coffs Harbour, N.S.W., 31 Aug. 1975, *J.A.Elix* 1167; holotype: CANB.

This is *Ochrolechia gyrophorica* (A.W.Archer) A.W.Archer & Lumbsch (*in* A.W.Archer, *Biblioth. Lichenol.* 69: 224, 1997).

Pertusaria lactea Nyl. (sic)

T: not seen.

Pertusaria lactea Nyl. was reported from Qld (J.F.Shirley, *Bot. Bull. Dept. Agric. Queensland* 7: 98, 1893) as a synonym of *P. sorediata* C.Knight. This is probably a misidentification of the common, saxicolous species *P. subventosa*. *Pertusaria lactea* (L.) Arnold, a European taxon, has not been collected in Australia.

Pertusaria subflavens Müll.Arg., *Proc. Roy. Soc. Edinburgh* 11: 461 (1882)

T: Wadi-Kesch, Socotra, 2 May 1881, *Schweinfurth s.n.*; holotype: G.

Pertusaria subflavens was reported from Qld (J.F.Shirley, *Proc. Roy. Soc. Queensland* 6: 114, 1889). No specimens of this species have been found in Australia, and the report is probably a misidentification of *P. thiospoda* C.Knight.

Pertusaria subrhodotropa A.W.Archer, *Mycotaxon* 41: 244 (1991)

T: Beedalup Falls, W of Pemberton, W.A., 15 Oct. 1967, *G.C.Bratt* 67/451; holo: HO.

This is *Ochrolechia subrhodotropa* (A.W.Archer) K.Schmitz & Lumbsch (*Acta Bot. Fenn.* 150: 160, 1994).

Pertusaria trypetheliiformis Nyl., *Ann. Sci. Nat., Bot.*, sér. 4, 11: 241 (1859)

Pertusaria leioplaca var. *trypetheliiformis* (Nyl.) Nyl., *Ann. Sci. Nat., Bot.*, sér. 4, 15: 45 (1861). T: Tahiti, *Lépine* 17; holo: H-NYL 23588.

A.Jatta (*Boll. Soc. Bot. Ital.* 1910: 256, 1910) reported a specimen from Mt Wellington, Tas. However, the occurrence of this tropical *Pertusaria* at latitude 42°S is highly unlikely. An Australian specimen of "*P. trypetheliiformis*" [Qld: *s. loc.*, 1889, *F.M.Bailey* (H)] has been identified as *P. pertractata* Stirt.

Pertusaria wulfeni DC., *nom. illeg.*

Pertusaria hymenea (Ach.) Schaer., *Lich. Helvet. Spic.* 1(7): 353 (1836). T: not seen.

Pertusaria wulfeni was reported from Qld (J.F.Shirley, *Bot. Bull. Dept. Agric. Queensland* 9: 27, 1891). However, the record of this yellow, fertile, saxicolous species was probably a misidentification of *P. hypoxantha* Müll.Arg.