

Pertusaria variabilis Elix & A.W.Archer, in J.A.Elix, S.Jariangprasert & A.W.Archer, *Telopea* 12: 270 (2008)

T: Gungarre Forest Walk, South Alligator, Kakadu Natl Park, N.T., 12°40'36"S, 132°28'44"E, alt. 30 m, on dead branches in lowland rainforest, 10 Aug. 2005, *J.A.Elix 37897*; holo: CANB.

Illustration: J.A.Elix, S.Jariangprasert & A.W.Archer, *op. cit.* 270, fig. 9.

Thallus white, smooth and dull, lacking isidia, sorediate. Soralia flattened, inconspicuous, white to off-white, scattered to occasionally confluent, 0.2–0.5 mm diam. Apothecia unknown.

Chemistry: containing methyl 2'-*O*-methylmicrophyllinate (major), ± lichexanthone (major), ± psoromic acid (minor).

A very rare corticolous species in northern N.T.; endemic.

N.T.: type locality, *J.A. Elix 37870, 37876* (CANB).

Pertusaria variabilis is characterised by the sorediate thallus, the absence of apothecia and the presence of methyl 2'-*O*-methylmicrophyllinate. This is the only known occurrence of that compound in the genus.