


Thallus off-white to greyish green, smooth and dull, cracked, lacking isidia and soredia. Apothecia verruciform, numerous, rarely confluent, flattened-subspherical to flattened-hemispherical, 0.5–1.0 mm diam. Ostiole inconspicuous, pale grey, translucent, 1 per verruca. Ascospores 4 per ascus, elongate-ellipsoidal, hyaline, smooth-walled, 80–94 × 25–36 μm.

Chemistry: Thallus containing 4,5-dichlorolichexanthone (major), 4-chlorolichexanthone (trace) and 2-O-methylperlatolic acid (major).

A rare corticolous species in central-western N.S.W.; also in Brazil.

N.S.W.: Cookamidgera S.F., 3.5 km SSW of Cookamidgera, J.A.Elix 39075 (CANB).

*Pertusaria malmei* is characterised by the verruciform apothecia, asci with 4 ascospores and the presence of 4,5-dichlorolichexanthone and 2-O-methylperlatolic acid. It is chemically and morphologically similar to *P. dora doradensis* (*q.v.*), but the latter has longer ascospores [(82–) 95–125 μm], and it contains additional planaic acid.