**Pertusaria leucostomoides** Zahlbr., *Cat. Lich. Univ.* 5: 172 (1928)


Thallus off-white to pale olive-green, slightly cracked, smooth and dull. Soredia and isidia absent. Apothecia conspicuous, verruciform, scattered, slightly flattened-hemispherical to subconical, rarely confluent, not constricted at the base, 0.4–0.8 mm diam. Ostioles conspicuous, white, 1 (–2) per verruca. Ascospores (4–) 8 per ascus, irregularly uniseriate, ellipsoidal, smooth, 65–70 × 25–32 µm.

**Chemistry:** Thallus K–, KC–, C–, Pd–, UV–; containing 4,5-dichlorlichexanthone (major), stictic acid (major) and constictic acid (trace).

This endemic, corticolous species is known only from the type locality in south-eastern Qld.

*Pertusaria leucostomoides* is characterised by the predominantly 8-spored asci, the chemistry of the thallus and the distinctive, white ostioles. However, it is possible that the appearance of the ostioles is a result of fungal parasitism; otherwise the type specimen is very similar to *P. leiocarpella*. 