

Pertusaria sordida A.W.Archer, *Mycotaxon* 41: 241(1991)

T: Brandy Ck Rd, 2 km NE of Proserpine, Qld, 20°21'S, 148°41'E, 28 June 1986, *J.A.Elix 20816*; holo: CANB.

Thallus off-white to pale grey, or appearing dull brownish white due to the substratum, with a paler margin, thin, granular, discontinuous. Isidia absent. Soralia numerous, crowded, adnate, circular or irregular in outline, off-white, 0.5–1.5 mm diam. Apothecia not seen.

Chemistry: Thallus K+ yellow, KC–, C–, Pd+ red; containing atranorin (major) and fumarprotocetraric acid (major).

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

Characterised by the sterile, sorediate thallus and the presence of atranorin and fumarprotocetraric acid. It resembles *P. subventosa* s. lat., but it can be distinguished from that species (and its varieties) by the absence of lichexanthone and the presence of fumarprotocetraric acid.