

Pertusaria remota A.W.Archer, *Mycotaxon* 41: 238 (1991)

T: March Fly Glen, 64 km NE of Lennard R. crossing, along Gibb River road, King Leopold Ra., W.A., 17°10'S, 125°18'E, 14 May 1988, *J.A.Elix* 22221; holo: CANB.

Illustration: A.W.Archer, *Biblioth. Lichenol.* 69: 132, fig. 48 (1997).

Thallus thin to diffuse, discontinuous, dull yellow to greyish yellow, areolate and cracked, smooth. Isidia absent. Soralia sparse, scattered or numerous, 0.2–0.6 mm diam., discoid to hemispherical. Apothecia not seen.

Chemistry: Thallus K–, KC+ weak orange, C–, Pd–; containing thiophanic acid (major), stictic acid (major), hypostictic acid (minor), 2-chloro-6-*O*-methylnorlichexanthone (trace) and cryptostictic acid (trace).

Saxicolous in northern W.A., N.T. and N.S.W.; also in the Philippines.

W.A.: Duncan Hwy, 14 km ESE of Halls Creek, *J.A.Elix* 22376 (CANB); NE of Kununurra, *A.C.Beauglehole* 13904 (MEL). N.T.: Kakadu Natl Park, *M.F.Day* (CANB); 2 km N of Victoria R. crossing, *J.A.Elix* 22497 (CANB); Umbrawarra Gorge, 22 km SW of Pine Creek, *J.A.Elix* 22525 (CANB). N.S.W.: Dangars Gorge, Oxley Wild Rivers National Park, 18.5 km SSE of Armidale, *J.A.Elix* 36457 (CANB).

The species is characterised by the dull yellow, sorediate thallus and the distinctive chemistry. It resembles *P. xanthoplaca*, a common, saxicolous species in eastern Australia, but that species lacks hypostictic acid.