

*Parmotrema permutatum* (Stirt.) Hale

Thallus grey to grey-green, loosely adnate, ciliate, emaculate, becoming cracked. Isidia absent. Soralia linear, marginal to submarginal. Medulla white in upper half, lower part yellow or salmon pink. Lower surface black, with broad, brown, erhizinate marginal zone. Chemistry: cortex K+ yellow; medulla K-, C+ pink, KC+ pale pink, P-, pigmented medulla K-; atranorin (minor), chloroatranorin (minor), gyrophoric acid (major), lecanoric acid (minor), secalonic acid A2 (trace), eumitrin N1 (trace), orcinol (trace).

[5941], Philippinen, Mindanao, Provinz Cotabato, tropischer Bergregenwald nahe der Lake Agko campsite am Fuß des Mt. Apo, 07°01.167' N, 125°13.375' E, 1240 m. Leg. Schumm 07.08.1999, det. Elix 29.03.2000.





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