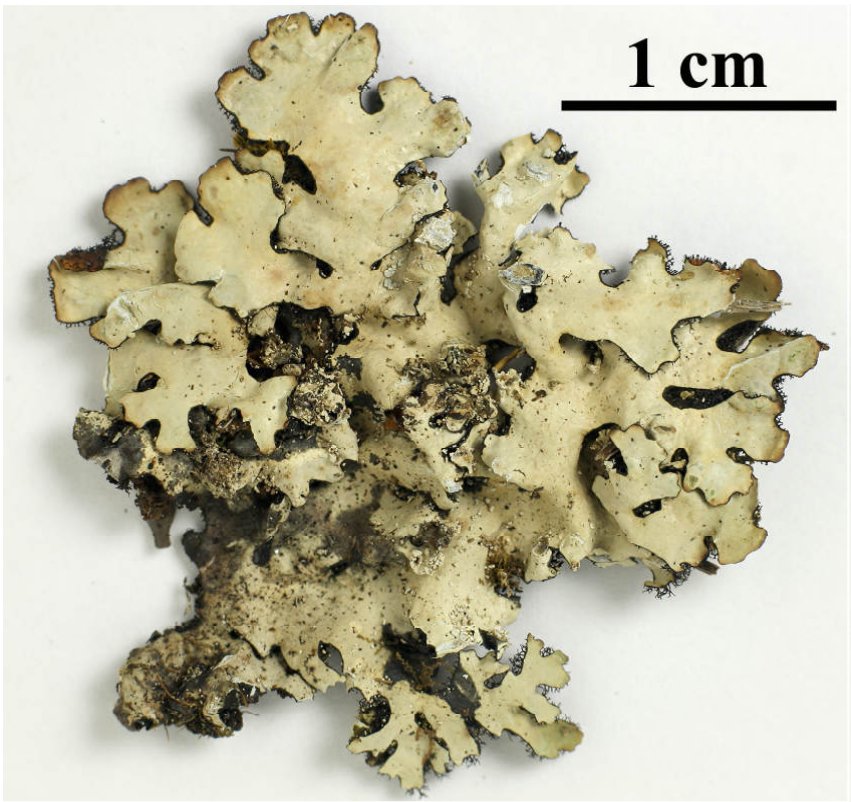
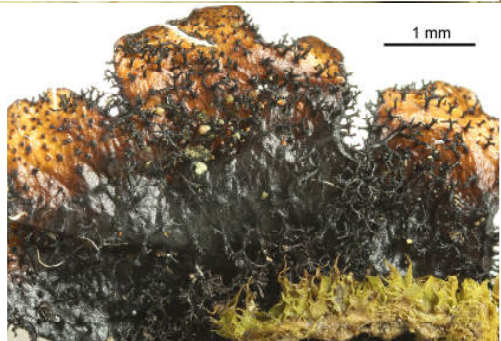
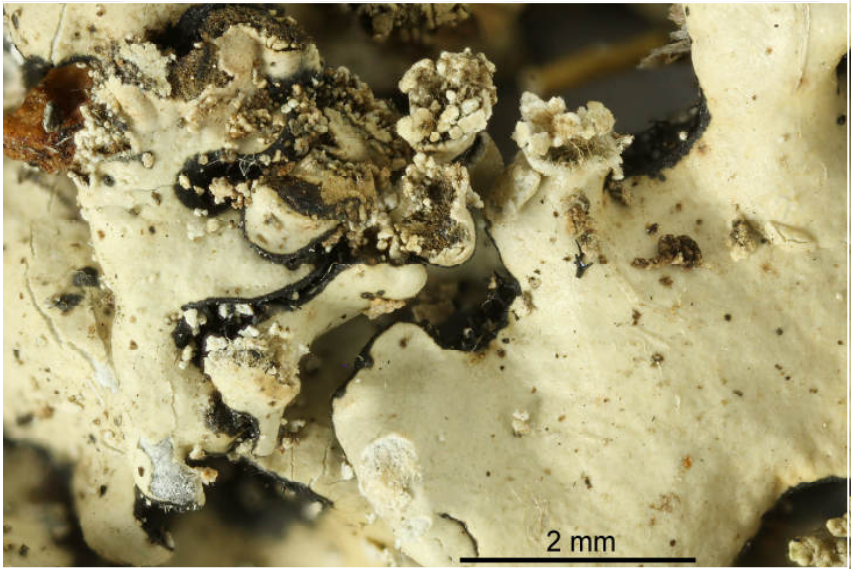


*Hypotrachyna exsecta* (Taylor) Hale

Thallus whitish grey. Lobes 1-3 mm wide. Upper surface emaculate, without isidia but pustulate. Pustules subapical, erumpent, eroding and becoming coarsely granular-sorediate and exposing black lower cortex. Medulla white. Rhizines richly dichotomously branched. Apothecia rare, 2-7 mm wide, Ascospores 9-11 x 5-9  $\mu\text{m}$ . Chemistry: cortex K+ yellow, UV-; medulla K-, C-, KC+ orange, P-; atranorin (minor), barbatic acid (major), 4-O-demethylbarbatic acid (minor).

[6211], Philippinen, Mindanao, Provinz Cotabato, Gipfelregion des Mt. Apo, 06°59.272' N, 125°16.195' E, 2900 m. Leg. Orville L. Bernabe 12.08.1999, det. J.A. Elix 12.05.2000.





*Hypotrachyna exsecta*