

Chromatochlamys Trevisan

After Mayrhofer & Poelt and Purvis & James

Rev. 5/94

Thallus verrucose, membranous to cracked, dirty whitish or pale gray to pale brownish. Photobiont Trebouxoid. Perithecia \pm immersed, thickwalled, pale to brownish; wall composed of oval, elongatenarrow cells below. Hamathecium of paraphysoids, persistent, delicate, branched and/or anastomosed, especially towards the base and at the apices; paraphysoids conglutinate, towards the inner side of the ostiole. Asci with an indentation in apex, outer wall thick; 28spored, with two functional wall layers, fissitunicate, I, the inner wall layer thin; apex rounded and sinuous. Ascospores submuriform to strongly muriform, the outer wall scarcely thicker than the septa, colorless to brownish. On mosses over trees or rock in open situations, or on rock in shaded or moist situations.

Formerly under Microglaena. Compare with Thelenella and Protothelenella.

C. muscorum (Fr.) Mayrh. & Poelt

Thallus \pm membranous, effuse, often mixed with scattered, pale granules, whitish or pale brown. Perithecia 0.30.6 mm diam., rounded or broadly pyriform, \pm immersed amongst mossleaves and stems with only ostioles obvious; wall 5070 μ m thick, brownish above, pale or colorless below. Asci cylindrical; wall 36 μ m thick; spores colorless, becoming strawcolored or brownish when old, markedly muriform, elongateellipsoid or subcylindrical. In open situations encrusting pleurocarpous mosses on basicbarked deciduous trees, also on \pm basic dunes or overgrowing mosses on basic rocks.

1. Asci 24spored, spores 60110 x 2027 μ m, subcylindrical. C. muscorum var. muscorum

1. Asci 8spored, spores ellipsoidelongate, 4060 x 1520 μ m. C. muscorum var. octospora (Nyl.) Mayrh. & Poelt

Literature

Purvis, O. W. and P. W. James. 1992. Chromatochlamys. In: Purvis, et al., Lichen Flora of Great Britain and Ireland.