

Cystocoleus Thwaites
(DEUTEROMYCOTINA)

After Dalby, 1992

Thallus erect [?], of minute, ecorticate, radiating filaments comprised of algal cells entwined in fungal hyphal cylinders, dark brown to black; hyphae elongated, contorted; cell walls \pm irregular. Forming small cushionlike clumps or dispersed. Ascocarps and pycnidia unknown. No substances. Photobiont Trentepohlia. On vertical or overhanging siliceous rock faces.

Thallus forming wefts or mats, often in small circular patches, the margin not delimited; filaments numerous, contorted, branched, the cells short and barrelshaped, with strongly thickened walls. On siliceous rock faces (rarely on tree trunks), in situations where the air is normally persistently humid but not directly wetted by rain. Often intermixed with Racodium rupestre; differing from that species by the contorted and narrow, nodular, shorter celled hyphae which appear rather pale under the microscope. C. ebeneus

Literature

Dalby, C. 1992. Cystocoleus. In: Purvis, et al., Lichen Flora of Great Britain and Ireland.

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