

Fistulariella Bowler & Rundel
(LECANORALES: RAMALINACEAE)

Treated by Egan and Europeans under Ramalina, but some authors accept it.

Thallus fruticose, erect, shrubby, rigid, hollow and inflated, little branched, corticate, perforate to fenestrate; attached by a basal disk. Cortex two layered: thin gelatinous matrix above periclinal array (outer layer occasionally absent). Supportive chondroid strands cortical. Most species nonsorediate, a few sorediate. Pseudocyphellae absent.

Apothecia usually appearing terminal, concave; thalloid exciple well developed, concolorous with thallus (black in one species); disk round; hypothecium pale; paraphyses unbranched; asci clavate, unitunicate; tholus I+ blue; spores 8, 1septate, thin walled, hyaline.

Pycnidia immersed, pale (rarely black); fulcrum exobasidial, little branched; pycnospores bacilliform, straight. Cortex with usnic acid. Medulla containing orcinol metadepsides, paradepsides, less commonly 3orcinol depsidones and atranorin. High in Omethylation. (specific substances: sekikaic, divaricatic, norstictic, evernic, obtusatic). Photobiont Trebouxia. On bark, wood, soil or rock.

See Ramalina key for the species.

Literature

Bowler & Rundel. 19 .

Rogers, 19 . Genera of Australian Lichens.