

Nomenclatural novelties : Alexander B. Doweld

Polychytriaceae Doweld, fam.nov.

IF550399

Thalli polycentric, tubular, with broad rhizomycelial hyphae that lack intercalary swellings. Zoospores posteriorly uniflagellate, with a plug or none, microtubule roots 1-3, extend to the microbody-lipid globule complex, lipid globules multiple, surrounded by microbody, rumposomes lacking; ribosomes aggregated, spherical mitochondria and nucleus lie exterior to ribosomal mass, non-flagellated centriole with a veil or none, attached to the kinetosome.

Holotype: *Polychytrium* Ajello 1942.