

Nomenclatural novelties : Alexander B. Doweld

Pseudorhizidiaceae Doweld, fam.nov.

IF550390

Thallus monocentric, eucarpic, endogenous, interbiotic. Sporangia oval to spherical with multiple inoperculate discharge pores. Rhizoids branch from a single main rhizoidal axis with finely divided tips. Resting spores spherical, epibiotic. Zoospores spherical, posteriorly uniflagellate, with solitary to multiple lipid globules, simple cisternae and microbodies cover lipid globules; endoplasmic reticulum traverses ribosomal aggregation, nucleus partially embedded in ribosomal aggregation, microtubules not organized into root; flagellar plug composed of two layers; paracrystalline inclusion, globular kinetosome-associated structure, and cell coat present.

Holotype: *Pseudorhizidium* M.J. Powell, Letcher & Longcore 2013.