

Nomenclatural novelties : Alexander B. Doweld

Catenomycetaceae Doweld, fam.nov.

IF550388

Thallus polycentric to rarely monocentric, diffusely organized, intra- and extramat-ric; intramatrical portion branched or unbranched, septate; septa delimiting the rudiments of the sporangia or sterile isthmuses; extramatrical portion branched, aseptate and sterile. Zoosporangia intercalary, smooth, pyriform, with strongly developed discharge tubes with endoopercula. Zoospores spheri-cal, with multiple golden lipid globules, flagellum single, forming a temporary group near the orifice, intermittently amoeboid; zoospore germination bipolar. Saprobic on cellulosic substrata.

Holotype: *Catenomyces* A.M. Hanson 1944.

Catenomycetales Doweld, ord.nov.

IF550389

Thallus polycentric to rarely monocentric, diffusely organized, branched or unbranched, septate, tubular isthmuses between the sporangia and numerous fine sterile rhizoids; with intercalary zoosporangia; sporangia with strongly developed discharge tubes with endoopercula; zoospores spherical, with multiple golden lipid globules, posteriorly uniflagellate.

Holotype *Catenomyces* A. M. Hanson.