

Nomenclatural novelties : Alexander B. Doweld

Arkayaceae Doweld, fam.nov.

IF550395

Thalli monocentric with multiple rhizoidal axes; zoosporangia occasionally bearing setae, inoperculate, with one to a few discharge papillae. Zoospores with a single lipid globule and plug in base of flagellum, posteriorly uniflagellate, microtubule roots extending from projections of two adjacent kinetosome triplets, sometimes associated with a microbody; with rumposome. Resting spores rounded, often with setae.

Holotype: *Arkaya* Longcore & D.R. Simmons 2012.