

Nomenclatural novelties : Alexander B. Doweld

Thalassochytriaceae Doweld, fam.nov.

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Thallus endobiotic, polycentric, septate hyphae form haustoria penetrating algal cells. Sporangia elliptical, with a single discharge papillum. Zoospores oval, tapering toward a single posterior flagellum, with five lipid globules, ribosomes dispersed in the cytoplasm. Kinetosome anteriorly located, associated with a helical structure. Nucleus with heel-like protrusion toward the kinetosome. Flagellar axoneme traverses zoospore and exits the zoospore posteriorly. Lacking props, non-flagellated kinetosome, kinetosomal roots and rumposome. Parasitic in Rhodophyceae.

Holotype: *Thalassochytrium* Nyvall, M. Pedersén & Longcore 1999.