

Nomenclatural novelties : Alexander B. Doweld

**Zygorhizidiaceae** Doweld, fam.nov.

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Thallus epibiotic, endogenous-monocentric, eucarpic. Rhizoidal system endobiotic, consisting of apophysis with sometimes unbranched or branched broad rhizoids. Sporangia operculate, epibiotic, sessile, developed directly from the enlargement of the encysted spore. Zoospores posteriorly uniflagellate, with a single lipid globule to which the cell nucleus and single mitochondrion closely adpressed, with peripheral vesicle systems; kinetosome and nonfunctional centrioles not closely associated with the nucleus, ribosomes dispersed or loosely aggregated, or ribosome-rich core region delimited by endoplasmic reticulum, no cytoplasmic microtubules, rumposome complex present or lacking. Resting spores epibiotic, sessile, thick-walled.

Holotype: *Zygorhizidium* Löwenthal 1904.