

Nomenclatural novelties : Alexander B. Doweld

Synchytriales Doweld, ord.nov.

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Thallus endobiotic, holocarpic, converted into a (pro-)sorus surrounded by a common membrane, or resting spore. Zoospores posteriorly uniflagellate, with a single lipid globule surrounded by cisternae of endoplasmatic reticulum and microbodies, complex microbody between the nucleus and the lipid globule and branches out to partly encircle nucleus, lipid globule and mitochondria; ribosomes evenly dispersed; gamma-like vesicles present; nucleus partially surrounded by several mitochondria, nuclear cap lacking; kinetosomes two, almost parallel, transversely striated, surrounded by branched knobbed props; dictyosome solitary, closely associated with posterior rumposome, encapsulating most of lipid globule; flagellar apparatus consists of kinetosome and associated secondary centriole, flagellar terminal plate (if any) biconcave.

Holotype *Synchytrium* de Bary & Woronin.