

Nomenclatural novelties : Alexander B. Doweld

Chrysophlyctaceae Doweld, fam.nov.

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Thallus ab initio functioning as a prosorus, contents emerging from initial cell to form a thin-walled vesicle within the infected cell which splits into sporangia and becomes a sorus with hyaline inner membrane; thick plug between prosorus and sorus. Resting spores functioning as sporangia, giving rise directly to zoospores and gametes. Zoospores posteriorly uniflagellate, with a single lipid globule surrounded by single membranous cisterna of endoplasmatic reticulum and microbodies, microbody-lipid complex anterior, ribosomes evenly dispersed, gamma-like vesicles present, nucleus centrally located, partially surrounded by several mitochondria; kinetosomes two, almost parallel, surrounded by props; dictyosome solitary; flagellar terminal plate biconcave.

Holotype: *Chrysophlyctis* Schilb. 1896.

Chrysophlyctis desmodii (Munasinghe) Doweld, comb.nov.

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Basionym: *Synchytrium desmodii* Munas., *Quarterly Circular of the Ceylon Rubber Research Institute* **31**: 26 (1955)