

Nomenclatural novelties : Alexander B. Doweld

Asterophlyctaceae Doweld, fam.nov.

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Thallus monocentric, eucarpic, with much branched rhizoids originated from spherical apophysis. Sporangium irregularly stellate to angular, lobed, sometimes possessing tapering, peg-like projections, inoperculate, formed either from the zoospore cyst or from a swelling of the germ tube. Zoospores posteriorly uniflagellate, with a single lipid globule, emerging through a basal or lateral zoosporangial pore, close to subsporangial swelling. Resting spores thick-walled, stellate, asexually formed or sexually after conjugation of thalli by means of rhizoidal anastomosis. Saprophytic in insect exuviae and chitin bait.

Holotype: *Asterophlyctis* H.E. Petersen 1903.