

Nomenclatural novelties : Alexander B. Doweld

**Tylochytriaceae** Doweld, fam.nov.

**IF550422**

Sporangium spherical with a single discharge pore; rhizoids scantily branched. Zoospore with a single lipid globule partially covered with a fenestrated cisterna; kinetosome and non-flagellated centriole parallel, connected by fibrillar material with a zone of convergence centrally located between the two structures; kinetosome-associated structure lacking; microbody simple or lobed; distinct spherical vesicles with thick membranes and uniformly electron-dense contents located in the peripheral cytoplasm. NOMENCLATURAL COMMENTS: A new family is created instead of illegitimate Globomycetaceae Letcher (2008), which was based on illegitimate generic name Globomyces Letcher (2008), being formed to include a single species, type of the formerly validly published genus Phlyctidium (A. Braun) Rabenh. (1867), nom. illeg. (non Wallr. 1833) [earliest known typification by L. Pfeiffer in Nomencl. Bot. 2(1): 681. 27 Jun 1873 by Chytridium vagans A. Braun] and its legitimate substitute generic name Tylochytrium Karling (1939).

Holotype: *Tylochytrium* Karling 1939.

**Tylochytrium pollinis-pini** (A. Braun) Doweld, comb.nov.

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Basionym: *Chytridium pollinis-pini* A. Braun, *Abh. K. Preuss. Akad. Wiss. Berlin*: 40 (1855)