

Nomenclatural novelties : Alexander B. Doweld

Perolpidium Doweld, gen.nov.

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Sporangium irregularly lobed or branched, tube-like, simply sac-like or with a bulging outgrowth or several broad finger-like branches, much branched, sometimes constricted in the mid-region, walls laevigate, colorless, with a single sessile or rarely elongate and bent, sharply defined cylindrical discharge pore; zoospores very numerous, spherical, minute, with a conspicuous lipid globule and a single long posteriorly attached flagellum, movement gliding or amoeboid. Resting spores thick-walled, spherical or ellipsoidal or pyriform, apparently asexually formed by contraction of the protoplasm of the thallus.

Holotype: *Perolpidium saccatum* (Sorokin) Doweld 2014.

Perolpidium saccatum (Sorokin) Doweld, comb.nov.

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Basionym: *Olpidium saccatum* Sorokin, *Arch. Bot. N. France* **2**: 30 (1883)

Perolpidium utriculiforme (Scherffel) Doweld, comb.nov.

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Basionym: *Olpidium utriculiforme* Scherff., *Arch. Protistenk.* **54**: 213 (1926)