

Nomenclatural novelties : Alexander B. Doweld

Olpidiales Doweld, ord.nov.

IF550324

Thallus monocentric, holocarpic, or eucarpic, endobiotic, converted as a whole into a single inoperculate sporangium or a resting spore. Zoospores formed in the sporangium, posteriorly uniflagellate, generally with a single globule, cone-shaped striated rhizoplast, gamma-like particles and rough endoplasmic reticulum. TYPE: *Olpidium* (A. Braun) J. Schrötter. Nomenclatural comments: *Olpidiales* Cavalier-Smith (in Eur. J. Protistol. 2012: [43]. 22 Oct 2012) was not validly published being not accepted as a final on-line publication with no further additions (pagination) and treated as publication in press which was published effectively in print later (in Eur. J. Protistol. 49: 157. Mai 2013), but not validly with no necessitated identifier cited (Art. 42).

Holotype *Olpidium* (A. Braun) J. Schrötter.

Olpidiomycetes Doweld, class.nov.

IF550325

Sporangium single, endobiotic, with cell walls; zoospores posteriorly uniflagellate, with a single globule, cone-shaped striated rhizoplast fused to both the functional and vestigial kinetosomes, gamma-like particles and rough endoplasmic reticulum; nucleus associated with the basal body, no nuclear cap. TYPE: *Olpidium* (A. Braun) J. Schrötter.

Holotype *Olpidium* (A. Braun) J. Schrötter.

Olpidiomycota Doweld, phyl.nov.

IF550327

Sporangium single, endobiotic, thin-walled; zoospores posteriorly uniflagellate, with a single globule, cone-shaped striated hollow rhizoplast, gamma-like particles and rough endoplasmic reticulum; no nuclear cap; ribosomes randomly dispersed throughout the cytoplasm; side-body complex lacking. TYPE: *Olpidium* (A. Braun) J. Schrötter.

Holotype *Olpidium* (A. Braun) J. Schrötter.

Olpidiomycotina Doweld, subphyl.nov.

IF550326

Sporangium single, endobiotic, thin-walled; zoospores posteriorly uniflagellate, with a single globule, cone-shaped striated hollow rhizoplast, gamma-like particles and rough endoplasmic reticulum; ribosomes randomly dispersed throughout the cytoplasm; side-body complex lacking. TYPE: *Olpidium* (A. Braun) J. Schrötter.

Holotype *Olpidium* (A. Braun) J. Schrötter.