

Outlineoffungi.org - Note 1014 *Knowlespora*

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Knowlespora Bojko

Knowlespora was erected by Bojko (2022) to accommodate *K. clinchi* as a monotype species based on morphological characteristics and phylogenetic analysis of SSU sequence data. This microsporidian genus causes disease on pheasantshell mussel (*Actinonaias pectorosa*), in a freshwater system in the USA. Bojko (2022) regarded that *K. clinchi* is not closely related to any other known molluscan microsporidians. This species indicates round-to-ovoid spores with thick spore walls. Merogony and sporogony are observed in direct contact with the cytoplasm of the host cell cytoplasm. The taxonomic placement of *Knowlespora* is in *Neopereziidae*, *Neopereziida*, and *Rozellomycota*.

Reference

Bojko J. 2022 – Systematic identity and phylogenetic analysis of *Knowlespora clinchi* (Knowles et al. 2022) gen. et comb. nov, from pheasantshell mussels (*Actinonaias pectorosa*). Journal of Invertebrate Pathology 194, 107817. <https://doi.org/10.1016/j.jip.2022.107817>

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