

Outlineoffungi.org - Note 874 *Pseudohepatospora*

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Pseudohepatospora J. Bojko, D.C. Behringer, K.S. Bateman, G.D. Stentiford & K.F. Clark

Pseudohepatospora was established by Bojko et al. (2023) to accommodate *P. borealis* as the type species, based on ultrastructural, developmental, pathological and phylogenetic information/analyses. *Pseudohepatospora borealis*, a microsporidian parasite, was isolated from the hepatopancreas of *Cancer borealis*, a brachyuran crab on the north eastern coast of the USA and south eastern coast of Canada. The type species is characterized by undergoing merogony and sporogony in direct contact with the host cytoplasm. The spores are unikaryotic and include 4–5 coils of the polar filament. The polaroplast is bilaminar, with electron dense and electron lucent layers. The spores are ovoid (Bojko et al. 2023). The taxonomic placement of *Pseudohepatospora* is in *Hepatosporidae*, *Enterocytozoonida*, *Terresporidia*, *Microsporidia* and *Rozellomycota*.

Reference

Bojko J, Behringer DC, Bateman KS, Stentiford GD et al. 2023 – *Pseudohepatospora borealis* n. gen. n. sp. (*Microsporidia: Enterocytozoonida*): A microsporidian pathogen of the Jonah crab (*Cancer borealis*). *Journal of Invertebrate Pathology* 197, 1–8. <https://doi.org/10.1016/j.jip.2023.107886>

Entry by

M Erdoğdu, Department of Landscape Architects, Faculty of Agriculture, Kırşehir Ahi Evran University, Kırşehir, Turkey

Nalin N. Wijayawardene, Center for Yunnan Plateau Biological Resources Protection and Utilization, College of Biological Resource and Food Engineering, Qujing Normal University, Qujing, Yunnan, China

(Edited by **Kevin D. Hyde**, **Maryam Tavakol Noorabadi** & **Subodini N. Wijesinghe**)

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