

## Outlineoffungi.org - Note 580 [Aquapteridosporaceae](#)

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[Aquapteridosporaceae](#) K.D. Hyde & Hongsanan

The monotypic family [Aquapteridosporaceae](#) was introduced by [Hyde et al. \(2021\)](#) in Distoseptisporales to accommodate the genus [Aquapteridospora](#), established by [Yang et al. \(2015\)](#). Phylogenetic analysis showed that [Aquapteridospora](#) forms a distinct and stable clade within [Distoseptisporales](#), sister to [Distoseptisporaceae](#). Furthermore, the divergence time estimates of this [Aquapteridospora](#) falls within a family range (50–130 MYA); therefore, [Hyde et al. \(2021\)](#) introduced the [Aquapteridosporaceae](#) as a new family. Four species are known so far from [Aquapteridosporaceae](#), and both are isolated from freshwater habitats.

### References

- Hyde KD, Bao DF, Hongsanan S, Chethana KWT et al. 2021 – Evolution of freshwater *Diaporthomycetidae* (*Sordariomycetes*) provides evidence for five new orders and six new families. *Fungal Diversity* 107, 71–105. <https://doi.org/10.1007/s13225-021-00469-7>
- Yang J, Maharachchikumbura SSN, Hyde KD, Bhat DJ, McKenzie EHC, Bahkali AH, Jones EBG, Liu ZY 2015 – *Aquapteridospora lignicola* gen. et sp. nov., a new hyphomycetous taxon (*Sordariomycetes*) from wood submerged in a freshwater stream. *Cryptogamy Mycology* 36, 469–478 <https://doi.org/10.7872/crym/v36.iss4.2015.469>

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Published online 26 September 2022