

## Outlineoffungi.org - Note 750 *Perenninotus*

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*Perenninotus* Y.C. Dai, F. Wu, L.W. Zhou, Vlasák & B.K. Cui

This monotypic genus is found on angiosperm wood causing white rot in Thailand ([Wu et al. 2022](#)). The type species is *Perenninotus shoreicola* (L.W. Zhou, Y.C. Dai & Vlasák) Y.C. Dai, F. Wu, L.W. Zhou, Vlasák & B.K. Cui. Phylogenetic analyses based on ITS and nLSU indicated its placement in *Hymenochaetaceae* (*Hymenochaetales*, *Agaricomycetes*, *Basidiomycota*) ([Wu et al. 2022](#)). *Perenninotus* is not phylogenetically close to its morphologically similar genera *Inonotus* and *Phellinus* ([Wu et al. 2022](#)). Compared with other taxa of *Hymenochaetaceae*, species of this genus are characterized by a monomitic hyphal structure and thin-walled, a perennial growing habit and pileate basidiocarps ([Li et al. 2016](#); [Wu et al. 2022](#)). No asexual morph is known. So far, only one species is discovered. Further collections with more samples are needed to examine the monophyly of this genus.

### References

- Li GJ, Hyde HD, Zhao RL et al. 2016 – Fungal diversity notes 253–366: taxonomic and phylogenetic contributions to fungal taxa. *Fungal Diversity* 78, 1–237. <https://doi.org/10.1007/s13225-016-0366-9>
- Wu F, Zhou LW, Vlasák J, Dai YC. 2022 – Global diversity and systematics of *Hymenochaetaceae* with poroid hymenophore. *Fungal Diversity* 113(1), 1–192. <https://doi.org/10.1007/s13225-021-00496-4>

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