

Outlineoffungi.org - Note 749 *Nothonotus*

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

This monotypic genus was introduced based on *Nothonotus nothofagi* (G. Cunn.) Y.C. Dai, F. Wu, L.W. Zhou, Vlasák & B.K. Cui ([Wu et al. 2022](#)). *Nothonotu nothofagi* is parasitic on *Nothofagus* causing a white rot ([Wu et al. 2022](#)). Multi-gene phylogenetic analysis based on ITS and nLSU sequences revealed this genus is belonged to *Hymenochaetaeaceae* (*Hymenochaetales*, *Agaricomycetes*, *Basidiomycota*) ([Wu et al. 2022](#)). The phylogenetic results also showed *Nothonotus* is closely related to *Inonotus sensu lato* ([Wu et al. 2022](#)). Species of this genus are characterized by annual basidiocarps, monomitic hyphal structure, and rust brown, ellipsoid basidiospores ([Wu et al. 2022](#)). No asexual morph is known.

Reference

Wu, F., Zhou, L. W., Vlasák, J., & Dai, Y. C. 2022 – Global diversity and systematics of *Hymenochaetaeaceae* with poroid hymenophore. *Fungal Diversity* 113(1), 1–192. <https://doi.org/10.1007/s13225-021-00496-4>

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