

Outlineoffungi.org – Note 1051 *Paralentithecium*

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Paralentithecium H.W. Shen, K.D. Hyde & Z.L. Luo

Shen et al. (2023) erected the new genus *Paralentithecium* to accommodate *Paralentithecium aquaticum* (Ying Zhang, J. Fourn. & K.D. Hyde) H.W. Shen & Z.L. Luo as the type species under *Lentitheciaceae*. Another species is *Paralentithecium suaе* H.W. Shen, K.D. Hyde & Z.L. Luo. The phylogenetic analysis was conducted using a combined sequence of LSU, SSU, ITS, and *tef 1-α* datasets. The members of this genus are saprobes on submerged decaying wood in a freshwater lake. The asexual form has not been seen. In the sexual form, ascospores are clustered, scattered, and subglobose or ellipsoidal with thick, hyaline, branched, and septate pseudo paraphyses. Asci are 8-spored and clavate to subcylindrical with hyaline, 1-septate, and smooth ascospores. *Paralentithecium* species are placed in an independent clade within the *Lentitheciaceae* (Shen et al. (2023)).

Reference

Shen HW, Bao DF, Boonmee S, Su XJ et al. 2023 – Lignicolous Freshwater Fungi from Plateau Lakes in China (I), Morphological and Phylogenetic Analyses Reveal Eight Species of *Lentitheciaceae*, Including New Genus, New Species, and New Records. *J Fungi* 9(10), 962.

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Published online 7 May 2024