

## Outlineoffungi.org - Note 1395 *Paralentithecium*

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

Morphologically and phylogenetically, Shen et al. (2023) erected the new genus *Paralentithecium* to accommodate *P. aquaticum* (Ying Zhang, J. Fourn. & K.D. Hyde) H.W. Shen & Z.L. Luo as the type species within *Lentitheciaceae*, *Pleosporales*, *Pleosporomycetidae*). *Paralentithecium suae* H.W. Shen, K.D. Hyde & Z.L. Luo is the other accepted species of the genus. The phylogenetic analysis was conducted using combined LSU, SSU, ITS, and *tef1- $\alpha$*  sequence datasets. The members of *Paralentithecium* are saprobes and were found on submerged decaying wood in a freshwater lake. The asexual morph has not been observed. In the sexual morph, ascospores are clustered, scattered, and subglobose or ellipsoidal-shaped with thick, hyaline, branched, and septate pseudoparaphyses. Asci are 8-spored and clavate to subcylindrical-shaped with hyaline, 1-septate, and smooth ascospores. *Paralentithecium* species are placed in an independent clade within *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. *Journal of Fungi* 9(10), 962.

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