

Outlineoffungi.org - Note 1052 *Profundisphaeria*

Web-links: [Index Fungorum](#), [Facesoffungi](#), [MycoBank](#), [GenBank](#)

Profundisphaeria J.F. Zhang, Jian K. Liu & Z.Y. Liu

The genus *Profundisphaeria* was introduced by Zhang et al. (2023) based on morphology and phylogenetic tree using a combined sequence of LSU, SSU, TEF1- α , and *rpb2* sequences. The only species is *Profundisphaeria fusiformispora* J.F. Zhang, Jian K. Liu & Z.Y. Liu, which was isolated from the dead culms of an unidentified herbaceous plant in China. In the sexual morph, ascomata are deeply immersed, scattered, and solitary. Hamathecium involves numerous, branched, and septate, pseudoparaphyses. Asci are eight-spored, bitunicate, and fssitunicate, which comprise two-celled, asymmetrical, and guttulate ascospores. The Asexual morph has not been observed. More fresh collections of the new genus are required to obtain more information (Zhang et al. 2023).

Reference

Zhang JF, Liu JK, Hyde KD, Chen YY et al. 2023 – Ascomycetes from karst landscapes of Guizhou Province, China. *Fungal Divers* 122(1), 1–60.

Entry by

Maryam Tavakol Noorabadi, Innovative Institute for Plant Health, Zhongkai University of Agriculture and Engineering, Guangzhou 510225, People's Republic of China

Published online 7 May 2024