

## Outlineoffungi.org - Note 1191 *Pseudopolyposphaeria*

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***Pseudopolyposphaeria*** J.F. Zhang, Y.Y. Chen & Jian K. Liu

Zhang et al. (2023) erected the monotypic genus *Pseudopolyposphaeria* to accommodate *Pseudopolyposphaeria guizhouensis* J.F. Zhang, Y.Y. Chen & Jian K. Liu based on phylogeny (LSU, ITS, SSU, TEF1- $\alpha$ , Rpb2, and Tub sequence data) and morphology. The type species was collected on the dead bamboo culms in China. In the sexual morph, ascostromata are immersed, solitary, scattered, and involving four to six locules with gregarious and subglobose ascomata. Asci are eight-spored, bitunicate, fissitunicate, and clavate-which are associated with fusiform, two-celled, and bi- to tri-seriate ascospores. The asexual morph has not been observed. Phylogenetically, *Pseudopolyposphaeria* formed a sister cluster to the *Aquatisphaeria* and *Ernakulamia*. However, it differentiates from other genera in the *Tetraplosphaeriaceae* due to its ascostromata that contain multiple ascomata.

### 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.

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