

Outlineoffungi.org - Note 863 *Pseudoantrodia*

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Pseudoantrodia B.K. Cui, Yuan Y. Chen & Shun Liu

Pseudoantrodia was proposed by Liu et al. (2023) to accommodate *P. monomitica* as a monotype species based on morphological characteristics and phylogenetic analysis of ITS, nLSU, *rpb2*, nSSU, and *tefl* α sequence data. The type species was isolated from the stump of *Pinus* sp. in China. It comprises annual and resupinate basidiocarps, white to cream and chalky subiculum, and concolorous tubes. The hyphal system is monomitic and generative hyphae are clamped. Cystidia are absent and cystidioles are present. Basidiospores are cylindrical to ellipsoidal in shape, hyaline and smooth. *Pseudoantrodia* differs from *Antrodia* s.s. by having a monomitic hyphal system and smaller basidiospores (Liu et al. 2023). The taxonomic placement of *Pseudoantrodia* is in *Fomitopsidaceae*, *Polyporales*, *Agaricomycetes*, and *Basidiomycota*.

Reference

Liu S, Chen YY, Sun YF et al. 2023 – Systematic classification and phylogenetic relationships of the brown-rot fungi within the *Polyporales*. *Fungal Diversity* 118, 1–94. <https://doi.org/10.1007/s13225-022-00511-2>

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Published online 2 April 2024