

Outlineoffungi.org - Note 1050 *Phlebicolorata*

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Phlebicolorata C.L. Zhao

Phlebicolorata was established by Zhao et al. (2023) to accommodate *P. brevispora* as the type species, based on morphological characteristics and phylogenetic analysis of ITS, nLSU, *gapdh*, *rpb1*, and *rpb2* sequence data. The type species was isolated from the wood of *Pinus elliottii* in the USA. Species of this genus are characterized by annual, resupinate basidiomes with a tuberculate or poroid hymenophore having a vivid or bright-colored hymenial surface, a monomitic hyphal system having the generative hyphae with clamp connections and colorless, thin-walled, smooth, and broadly ellipsoid to short cylindrical basidiospores (Zhao et al. 2023). In the phylogenetic analysis, *Pappia* and *Phlebicolorata* group together by forming sister clades. The taxonomic placement of *Phlebicolorata* is in *Meruliaceae*, *Polyporales*, *Agaricomycetes*, and *Basidiomycota*.

Reference

Zhao C, Qu M, Huang R, Karunarathna SC. 2023 – Multi-gene phylogeny and taxonomy of the wood-rotting fungal genus *Phlebia sensu lato* (*Polyporales*, *Basidiomycota*). *Journal of Fungi* 9(3), 320. <https://doi.org/10.3390/jof9030320>

Entry by

Maoqiang He, State Key Laboratory of Mycology, Institute of Microbiology, Chinese Academy of Sciences, Beijing 100101, China

(Edited by **Rui-Lin Zhao**, **Maryam Tavakol Noorabadi**, **Kevin D. Hyde** & **Subodini N. Wijesinghe**)

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