

Outlineoffungi.org - Note 1045 *Paramarasmius*

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Paramarasmius Antonín & Kolařík

Paramarasmius was proposed by Antonín et al. (2023) to accommodate *P. palmivorus* as the type species based on the morphological characteristics and phylogenetic analysis of ITS and LSU sequence data. *Paramarasmius mesosporus* is the other accepted species of the genus. The type species was obtained from the petioles of *Elaeis guineensis* in Southern Asia. *Paramarasmius* consists of agaricoid fungi with convex or conical-convex pileus and the basidiospores are smooth, thin-walled, and non-dextrinoid. *Paramarasmius* differs from *Marasmius* by the absence of a hymeniderm pileipellis, and from *Crinipellis*, *Moniliophthora* and *Chaetocalathus* by the absence of typical setiform dextrinoid hairs in pileipellis (Antonín et al. 2023). The taxonomic placement of *Paramarasmius* is in *Marasmiaceae*, *Agaricales*, *Agaricomycetidae*, *Agaricomycetes*, *Agaricomycotina*, and *Basidiomycota*.

Reference

Antonín V, Hosaka K, Kolařík M. 2023 – Taxonomy and phylogeny of *Paramarasmius* gen. nov. and *Paramarasmius mesosporus*, a worldwide distributed fungus with a strict ecological niche. *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology* 157(2), 286–293. <https://doi.org/10.1080/11263504.2022.2100503>

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Published online 25 April 2024