

Outlineoffungi.org - Note 1414 *Macroporia*

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Macroporia B.K. Cui & Xing Ji

Ji et al. (2023) introduced *Macroporia* under *Mycosphaerellaceae* (*Polyporaceae*, *Polyporales*, *Agaricomycetes*, *Agaricomycotina*, *Basidiomycota*) to accommodate *M. macropora* (B.K. Cui & C.L. Zhao) B.K. Cui & Xing Ji as the type species based on morphology and phylogenetic analyses using ITS, LSU, SSU, *tef1*, and *tbb1* sequence data. *Macroporia* consists of four species, namely *M. lacerata* (B.K. Cui & C.L. Zhao) B.K. Cui & Xing Ji, *M. subrhizomorpha* (Xue W. Wang, L.W. Zhou & X.M. Tian) B.K. Cui & Xing, and *Macroporia tibetica* (B.K. Cui & C.L. Zhao) B.K. Cui & Xing Ji including the type species. In the genus, basidiocarps are annual, resupinate, and adnate. The subiculum is thin, and cream. The hyphal system is dimitic, and generative hyphae have clamp connections. Cystidia is absent and cystidioles are usually present. Basidiospores are ellipsoid in shape, truncate, hyaline, thick-walled, and smooth. In terms of morphology, species within the clade *Macroporia* typically exhibit larger pores compared to *Perenniporia*. Based on phylogenetic analysis using ITS, nLSU, mtSSU, *tef1*, and *tbb1* sequence data, *Macroporia* formed a sister clade with *Perenniporiella* (Ji et al. 2023).

Reference

Ji X, Sun YF, Wu DM, Gao N et al. 2023 – An updated phylogenetic assessment and taxonomic revision of *Perenniporia* sensu lato (*Polyporales*, *Basidiomycota*). *Journal of Fungi* 9(2), 173.

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