

Outlineoffungi.org - Note 1390 *Truncatoporia*

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Truncatoporia B.K. Cui & Xing Ji

Ji et al. (2023) introduced *Truncatoporia* under *Polyporaceae* (*Polyporales*, *Agaricomycetes*, *Agaricomycotina*, *Basidiomycota*) to accommodate two species based on morphology and phylogenetic analysis using ITS, nLSU, mtSSU, *tef1*, and *tbb1* sequence data. This genus was typified by *Truncatoporia truncatospora* (Lloyd) B.K. Cui & Xing Ji, which was isolated from a living tree of *Quercus* in China. *Truncatoporia pyricola* (Y.C. Dai & B.K. Cui) B.K. Cui & Xing Ji is the other accepted species. In *Truncatoporia*, basidiocarps are annual to perennial, resupinate to pileate, and corky. After drying, the pore surface appears buff to pale yellowish buff, with round to angular pores. The dissepiments are thin and entire. The hyphal system is dimitic to trimitic and the generative hyphae have clamp connections. Skeletal hyphae and basidiospores are dextrinoid. Basidiospores are ellipsoid in shape, truncate, hyaline, thick-walled, and smooth. Molecular analysis of the multi-locus dataset (ITS, nLSU, mtSSU, *tef1*, and *tbb1*) has confirmed that *Truncatoporia* is a sister clade with *Xanthoperenniporia* and distinct from the *Perenniporia* s. s. clade (Ji et al. 2023).

References

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.

Entry by

Maryam Tavakol Noorabadi, Innovative Institute for Plant Health, Zhongkai University of Agriculture and Engineering, Guangzhou 510225, People's Republic of China

(Edited by **Subodini N. Wijesinghe**)

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