

Outlineoffungi.org - Note 1057 *Pseudospongipellis*

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Pseudospongipellis Y.C. Dai & Chao G. Wang

Pseudospongipellis was proposed to accommodate *P. litschaueri* based on morphological characteristics and phylogenetic analysis of ITS, LSU, and SSU sequence data by Wang & Dai (2022). The type species was isolated from *Quercus* in China. Currently, the genus consists of four species viz. *P. delectans*, *P. litschaueri*, *P. tomsovskyi*, and *P. unicolor* (Nakasone & Ortiz-Santana 2022, Wang & Dai 2022). In *Pseudospongipellis*, basidiomata are annual and pileate. The hyphal system is monomitic and generative hyphae have clamp connections. Cystidia and cystidioles are absent. Basidiospores are broadly ellipsoid to subglobose in shape, and hyaline. *Pseudospongipellis* resembles to *Spongipellis* in morphology, but phylogenetically, the former nested in the Cerrenaceae clade, while the latter in the Meripilaceae clade (Wang & Dai 2022). The taxonomic placement of *Pseudospongipellis* is in Cerrenaceae, Polyporales, Agaricomycetes, and Basidiomycota.

References

- Nakasone KK, Ortiz-Santana B. 2022 – New species and combinations in the Cerrenaceae (Polyporales, Basidiomycota). Lilloa 59, 89–113. <https://doi.org/10.30550/j.lil/2022.59.S/2022.08.16>
- Wang CG, Dai YC. 2022 – Phylogeny and taxonomy of *Spongipellis* (Polyporales, Basidiomycota) and its micromorphological similar genera. Mycological Progress 21(9), 73. <https://doi.org/10.1007/s11557-022-01817-w>

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