

Outlineoffungi.org - Note 1027 *Callosus*

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Callosus C.L. Zhao

Callosus was introduced by Chen et al. (2022) to accommodate *C. wenshanensis* as a mono type species based on the morphological characteristics and phylogenetic analysis of ITS and LSU sequence data. The type species was isolated from a fallen angiosperm branch in China and causes white rot. The phylogenetic analysis indicates that it belongs to *Phanerochaetaceae*, and forms a sister relationship with *Phanerochaete*. The type species differs from *Phanerochaete* by its membranous basidiomata with a lubricative hymenial surface and the presence of crystals between subhymenium and subiculum (Chen et al. 2022). The hyphal structure is monomitic. Basidia are clavate to cylindrical with dominant basidioles. Basidiospores are ellipsoid, colorless, and thin-walled. The taxonomic placement of *Callosus* is in *Phanerochaetaceae*, *Polyporales*, *Agaricomycetes*, and *Basidiomycota*.

Reference

Chen R, He X, Zhao CL. 2022 – *Callosus wenshanensis* gen. & sp. nov. from China. Mycotaxon 137(3), 435–48. <https://doi.org/10.5248/137.435>

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