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[Gelatinofungus](#) Sheng H. Wu, C.C. Chen & C.L. Wei

[Gelatinofungus](#) is a monotypic, wood-inhabiting, corticioid genus, typified by [G. brunneus](#) Sheng H. Wu, C.C. Chen & C.L. Wei ([Chen et al. 2021](#)). [Gelatinofungus brunneus](#) cause a white-rot of angiosperm wood ([Chen et al. 2021](#)). Phylogenetic analysis based on ITS, LSU, *rpb1*, *rpb2* and *tef1* sequences indicated it is a monophyletic lineage in *Phanerochaetaceae* (*Polyporales*, [Agaricomycetes](#), [Basidiomycota](#)) ([Chen et al. 2021](#)). The diagnostic morphological features of the genus are the resupinate basidiome with tuberculate hymenial surface, monomitic hyphal system with clamped hyphae, subiculum and hymenial layer of compact texture, absence of cystidia, clavate basidia, and ellipsoid to broadly ellipsoid basidiospores ([Chen et al. 2021](#)). No asexual morph is known.

Reference

Chen C-C, Chen C-Y, Wu S-H. 2021 – Species diversity, taxonomy and multi-gene phylogeny of phlebioid clade (*Phanerochaetaceae*, *Irpicaceae*, *Meruliaceae*) of *Polyporales*. *Fungal Divers* 111, 337–442.
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Entry by

Viktor Papp, Department of Botany, Hungarian University of Agriculture and Life Sciences, Budapest, Hungary

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