

Outlineoffungi.org – Note 776 *Crepatura*

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Crepatura C.L. Zhao

Crepatura is a monotypic wood-inhabiting corticioid genus, typified by *C. ellipsospora* C.L. Zhao that cause white-rot of angiosperm wood ([Ma and Zhao 2019](#)). Phylogenetic analysis based on ITS and LSU sequences indicated its phylogenetic position in *Phanerochaetaceae* (*Polyporales*, *Agaricomycetes*, *Basidiomycota*) and showed that it is closely related to the hydroid genus *Pirex* ([Chen et al. 2021](#)). Morphologically, *Crepatura* is characterized by resupinate basidiome with smooth to irregularly tuberculate hymenial surface, a monomitic hyphal system, thick-walled generative hyphae bearing both clamp connections and simple septa, clavate basidia with two sterigmata and hyaline, thick-walled basidiospores. The asexual morph unknown.

References

- Chen CC, Chen CY, Wu SH. 2021 – Species diversity, taxonomy and multi-gene phylogeny of phlebioid clade (*Phanerochaetaceae*, *Irpicaceae*, *Meruliaceae*) of *Polyporales*. *Fungal Diversity* 111, 337–442. <https://doi.org/10.1007/s13225-021-00490-w>
- Ma X, Zhao CL. 2019 – *Crepatura ellipsospora* gen. et sp. nov. in *Phanerochaetaceae* (*Polyporales*, *Basidiomycota*) bearing a tuberculate hymenial surface. *Mycological Progress* 18, 785–793. <https://doi.org/10.1007/s11557-019-01488-0>

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