

## Outlineoffungi.org - Note 775 [Cremeoderma](#)

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**[Cremeoderma](#)** Sheng H. Wu & C.C. Chen

[Cremeoderma](#) is a monotypic wood-inhabiting corticioid genus, typified by [C. unicum](#) (H.S. Jacks. & Dearden) C.C. Chen & Sheng H. Wu ( $\equiv$  *Peniophora unica* H.S. Jacks. & Dearden) that cause a white-rot of gymnosperm and angiosperm wood ([Chen et al. 2021](#)). Phylogenetic analysis based on ITS, LSU, *rpb1*, *rpb2* and *tef1* indicated its phylogenetic position in *Phanerochaetaceae* (*Polyporales*, [Agaricomycetes](#), [Basidiomycota](#)). Results of the five gene datasets showed its sister relationship with *Rizochaete*, while it grouped close to the poroid genus *Hapalopilus* in phylogenetic tree using the combined ITS+LSU dataset ([Chen et al. 2021](#)). Since the genus did not receive support either by bootstrap or posterior probability, further studies are required to clarify its systematic position within the *Phanerochaetaceae* ([Chen et al. 2021](#)). Compared with other species of the family, [C. unicum](#) is characterized by having effused, ceraceous to pruinose basidiome with smooth hymenophore, monomitic hyphal system with clamp connections, presence of lamprocystidia, clavate to cylindrical basidia, and small, ellipsoid basidiospores. The asexual morph is unknown.

### Reference

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>

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