Outlineoffungi.org - Note 925 *Franziozymaceae*

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Franziozymaceae Q.M. Wang, Begerow & M. Groenew.

Franziozymaceae was introduced by Li et al. (2023) as a monotypic family to accommodate *Franziozyma* Q.M. Wang, D. Begerow, M. Groenew. Multigene analyses demonstrated that Strain XZ4C4, isolated from a leaf of bamboo from Tibet (China), represents a new genus and new species, *Franziozyma bambusicola* Q.M. Wang et al. (as '*bambusoicola*'), among the exobasidiomycetous fungi. Based on phylogenic analyses of six loci dataset (ITS, LSU, SSU, *RPB1*, *RPB2*, and *EF1*) this genus was placed in a distinct clade separate from *Golubeviaceae* Q.M. Wang et al. For the accommodation of this genus in the *Exobasidiomycetes*, a new family, *Franziozymaceae*, was introduced (Li et al. 2023). *Franziozymaceae* consists of a monotypic genus. Colonies are butyrous, cream, soft or tough, usually glabrous, or sometimes pubescent, shiny or dull, ridged, and with an eroded margin; hyphae are formed; chlamydospores occur intercalarily or terminally and are single; ballistoconidia are produced; sexual reproduction is not known (Li et al. 2023). The taxonomic placement for *Franziozymaceae* is in *Franziozymales* and *Exobasidiomycetes*.

Reference

Li Y-Y, Wang M-M, Groenewald M, Li A-H et al. 2022 – Proposal of two new combinations, twenty new species, four new genera, one new family, and one new order for the anamorphic basidiomycetous yeast species in *Ustilaginomycotina.* Frontiers in Microbiology 12, 777338. https://doi.org/10.3389/fmicb.2021.777338

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