

Outlineoffungi.org - Note 1033 *Glaciozyma*

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Glaciozyma Turchetti, L.B. Connell, Thomas-Hall & Boekhout

Glaciozyma was erected by Turchetti et al. (2011) to accommodate *G. antarctica* as the type species, based on morphological characteristics and phylogenetic analysis of ITS and LSU sequence data. The type species was isolated from ice and related cold habitats in Antarctica. Budding yeast cells are ovoid to elongate in shape and the capsules may frequently form with pseudo and true hyphae in matured culture. The taxonomic placement of *Glaciozyma* is in *Camptobasidiaceae*, *Kriegeriales*, *Microbotryomycetes*, *Pucciniomycotina*, and *Basidiomycota*.

Reference

Turchetti B, Thomas Hall SR, Connell LB, Branda E et al. 2011 – Psychrophilic yeasts from Antarctica and European glaciers: description of *Glaciozyma* gen. nov., *Glaciozyma martinii* sp. nov. and *Glaciozyma watsonii* sp. nov. *Extremophiles* 15, 573–86. <https://doi.org/10.1007/s00792-011-0388-x>

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