

Outlineoffungi.org - Note 428, [Psychromyces](#)

[Psychromyces](#) L. Perini & Zalar

[Psychromyces](#) was introduced for the dimorphic/filamentous isolates found in Svalbard and Greenland glacial environments. Based on ribosomal genes, [Psychromyces glacialis](#) is related to [Glaciozyma](#) and [Cryolevonia](#). Seven gene phylogeny restricted to taxa with available sequences, supported the placement of [Psychromyces](#) in *Camptobasidiaceae* ([Perini et al. 2021](#)) (M. Erdoğan).

Reference

Perini L, Andrejašič K, Gostinčar C, Gunde-Cimerman N, Zalar P. 2021 – Greenland and Svalbard glaciers host unknown basidiomycetes, the yeast *Camptobasidium arcticum* sp. nov. and the dimorphic *Psychromyces glacialis* gen. and sp. nov. *International Journal of Systematic and Evolutionary Microbiology* 71(2), 1–17. [Doi 10.1099/ijsem.0.004655](https://doi.org/10.1099/ijsem.0.004655)