

Outlineoffungi.org - Note 873 *Tahromyces*

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Tahromyces Hanafy, Lanjekar, Dhakephalkar, T.M. Callaghan, Dagar, G.W. Griff., Elshahed & N.H. Youssef

Tahromyces was established by Hanafy et al. (2020) to accommodate *T. munnarensis* as the type species, based on morphological characteristics and phylogenetic analysis of ITS and D1-D2 28S rDNA sequence data. *Tahromyces* is an obligate and anaerobic genus isolated from the feces of a Nilgiri Tahr (*Nilgiritragus hylocrius*), a mountain goat indigenous to India. *Tahromyces* is characterized by a monocentric thallus, globose monoflagellated or rarely biflagellated and triflagellated zoospores, endogenous and exogenous sporangia of varying shapes and sizes. This genus is phylogenetically closely related to *Buwchfawromyces* and *Joblinomyces* (Hanafy et al. 2020). The taxonomic placement of *Tahromyces* is in *Neocallimastigaceae*, *Neocallimastigales*, *Neocallimastigomycetes*, and *Neocallimastigomycota*.

Reference

Hanafy RA, Lanjekar VB, Dhakephalkar PK, Callaghan TM et al. 2020 – Seven new *Neocallimastigomycota* genera from wild, zoo-housed, and domesticated herbivores greatly expand the taxonomic diversity of the phylum. *Mycologia* 112(6), 1212–1239. <https://doi.org/10.1080/00275514.2019.1696619>

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