

Outlineoffungi.org - Note 1058 *Pterosporomyces*

Web-links: [Index Fungorum](#), [Facesoffungi](#), [MycoBank](#), [GenBank](#)

Pterosporomyces G. Guevara, Gómez-Reyes & Z.W. Ge

Pterosporomyces was proposed by Guevara-Guerrero et al. (2021) to accommodate *P. herrerae* as the type species, based on morphological characteristics and phylogenetic analysis of ITS and ATP6 sequence data. *Pterosporomyces herrerae* was found under *Quercus* spp. and *Pinus* spp. in Mexico. It comprises olive-green to brown-green gleba and the spores have an inflated and wing-like appearance. *Restingomyces reticulatus* resembles *P. herrerae*, but it differs by having reticulated basidiospores. The taxonomic placement of *Pterosporomyces* is in *Trappeaceae*, *Hysterangiales*, *Phallomycetidae*, *Agaricomycetes*, and *Basidiomycota*.

References

Guevara-Guerrero G, Martínez MAM, Reyes VMG, Ge ZW et al. 2021 – New molecular data in the Truffle-like fungus, *Aroromyces Herrerae*, Reveal a novel cryptic ancestral taxon, *Pterosporomyces herrerae* gen. nov. & comb. nov. (*Trappeacea*, *Phallales*). *Global Journal of Science Frontier Research: Biological Science* 21(3). <https://journalofscience.org/index.php/GJSFR/article/view/2970>

Entry by

Maoqiang He, State Key Laboratory of Mycology, Institute of Microbiology, Chinese Academy of Sciences, Beijing 100101, China

(Edited by **Rui-Lin Zhao**, **Maryam Tavakol Noorabadi**, **Kevin D. Hyde** & **Subodini N. Wijesinghe**)

Published online 7 May 2024