

Outlineoffungi.org - Note 963 *Neoaraneomyces*

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

Neoaraneomyces W.H. Chen, Y.F. Han, J.D. Liang & Z.Q. Liang

Neoaraneomyces was introduced by [Chen et al. \(2022\)](#) as a monotypic genus to accommodate *Neoaraneomyces araneicola* W.H. Chen, Y.F. Han, J.D. Liang & Z.Q. Liang. as the type species. The type species occurred underneath a rock in Qiannan Buyi and Miao Autonomous Prefecture, Guizhou, China ([Chen et al. 2022](#)). A phylogenetic tree using combined ITS, LSU, *rpb2* and *tef-1α* sequence data placed *Neoaraneomyces* in [Clavicipitaceae](#) where it constituted a distinct clade remote from other genera of this family. *Neoaraneomyces* comprises a single species that produces a paecilomyces-like asexual morph on the spider host. *Neoaraneomyces* separates from *Gibellua* by its paecilomyces-like conidiogenous structures and grouped or solitary phialides and fusiform to ellipsoid conidia. The sexual morph of *Neoaraneomyces* is unknown. The taxonomic placement *Neoaraneomyces* is in [Clavicipitaceae](#), [Hypocreales](#), [Sordariomycetes](#), [Ascomycota](#).

Reference

Chen WH, Liang JD, Ren XX, Zhao JH et al. 2022 – Phylogenetic, ecological and morphological characteristics reveal two new spider-associated genera in *Clavicipitaceae*. MycoKeys 91, 49–66. <https://doi.org/10.3897/mycokeys.91.86812>

Entry by

De-Ping Wei, The Engineering Research Center of Southwest Bio-Pharmaceutical Resources, Ministry of Education, Guizhou University, Guiyang, Guizhou Province 550025, China.

(Edited by **Kevin D. Hyde & Maryam Tavakol Noorabadi**)

Published online 2 April 2024

