

## Outlineoffungi.org - Note 968 *Pseudometarhizium*

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

Chen et al. (2022) introduced *Pseudometarhizium* as a new *Metarhizium*-like genus with two entomopathogenic species (*P. araneogenum* and *P. lepidopterorum*) based on morphology, phylogenetic, and ecological analyses. These two species were parasitic on spiders and *Lepidoptera* pupa, respectively (Chen et al. 2022). *Pseudometarhizium* is typified by *Pseudometarhizium araneogenum* W.H. Chen, Y.F. Han, J.D. Liang & Z.Q. Liang. Furthermore, based on molecular phylogenetic analyses of the combined datasets (ITS+LSU+RPB2+TEF) (Chen et al. 2022), *Pseudometarhizium* and *Metarhiziopsis* were closely related. However, compared to *Metarhiziopsis*, *Pseudometarhizium* has a paecilomyces-like structure and lacks sporodochia (Chen et al. 2022). The sexual morph not observed in *Pseudometarhizium*. The taxonomic placement of *Pseudometarhizium* is in [Clavicipitaceae](#), [Hypocreales](#), [Sordariomycetes](#) and *Ascomycota*.

### Reference

Chen WH, Liang JD, Ren XX, Zhao JH, Han YF, Liang ZQ 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

**Yu Yang**, School of Food and Pharmaceutical Engineering, Guizhou Institute of Technology, Guiyang 550003, P.R. China

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

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