

Outlineoffungi.org - Note 690 *Pseudohumicola*

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

Pseudohumicola X. Wei Wang, P.J. Han, F.Y. Bai & Houbraken

[Wang et al. \(2022\)](#) proposed the new genus *Pseudohumicola* for the group of species (*Humicola atrobrunnea*, *H. pulvericola*, *H. semispiralis*, *H. subspiralis*) clustering close to *Aporoethelavia* but apart from *Humicola sensu stricto*, in the phylogenetic analysis of concatenated partial *rpb2*, *tub2*, ITS and LSU loci. *Humicola* and *Pseudohumicola* produce similar asexual morphs (humicola-like); however, their sexual morphs are different. Ascomata of *Pseudohumicola* usually have coiled terminal hairs; however, such character is rare in *Humicola* species ([Wang et al. 2022](#)). The group diverged from each other about 60 Mya. *Pseudohumicola* is typified by *P. subspiralis* (Chivers) X. Wei Wang, P.J. Han, F.Y. Bai & Houbraken (= *Humicola subspiralis*), and there are four species known from the genus. *Pseudohumicola* species are associated with soil, house dust and paper felt ([Wang et al. 2019](#)).

References

- Wang XW, Han PJ, Bai FY, Luo A, Bensch K, Meijer M, Kraak B, Han DY, Sun BD, Crous PW, Houbraken J 2022 – Taxonomy, phylogeny and identification of *Chaetomiaceae* with emphasis on thermophilic species. *Studies in Mycology* 101, 121– 243. <https://doi.org/10.3114/sim.2022.101.03>
- Wang XW, Yang FY, Meijer M, Kraak B, Sun BD, Jiang YL, Wu YM, Bai FY, Seifert KA, Crous PW, Samson RA et al. 2019 – Redefining *Humicola sensu stricto* and related genera in the *Chaetomiaceae*. *Studies in Mycology* 93, 65–153 <https://doi.org/10.1016/j.simyco.2018.07.001>

Entry by

Sajeewa Maharachchimbura, School of Life Science and Technology, University of Electronic Science and Technology of China, People's Republic of China

(Edited by **Kevin D. Hyde & Rekhani Hansika Perera**)

Published online 13 December 2022