

Outlineoffungi.org - Note 847 *Neoherpotrichiella*

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Neoherpotrichiella Spetik, Eichmeier, Mahamedi & Berraf-Tebball.

Neoherpotrichiella was erected by Crous et al. (2022) to accommodate *N. juglandicola* as the type species, based on morphological characteristics and phylogenetic analysis of ITS, LSU, *tub2* and *tef1-α* sequence data. *Neoherpotrichiella juglandicola* was associated with the wood of *Juglans regia* (*Juglandaceae*) as a saprophyte in terrestrial habitats in Boleradice, Czech Republic. The genus is characterized by brown, smooth, 1–4-septate conidiophores with intercalary and terminal phialides, ampulliform to broadly ellipsoid conidiogenous cells in clusters of 2–3 or solitary, and hyaline, aseptate conidia with dimorphic, ellipsoidal and subcylindrical conidia. Sexual morph was not determined. Morphologically, *Neoherpotrichiella* resembles *Exophiala* and *Thysanorea*. In addition, *Neoherpotrichiella* is phylogenetically distinct from both genera and represents a new distinct clade in *Herpotrichiellaceae* (Crous et al. 2022). The taxonomic placement of *Neoherpotrichiella* is in *Herpotrichiellaceae*, *Chaetothyriales*, *Eurotiomycetes*, and *Ascomycota*.

Reference

Crous PW, Boers J, Holdom D, Steinrücken TV et al. 2022 – Fungal Planet description sheets: 1383–1435. *Persoonia-Molecular Phylogeny and Evolution of Fungi* 48(1), 261–371. <https://doi.org/10.3767/persoonia.2022.48.08>

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