

Outlineoffungi.org - Note 888 *Neocercospora*

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Neocercospora Sanjay Yadav & Raghv. Singh

Neocercospora was introduced by Yadav et al.(2023) as a monotypic genus. This genus is typified with *Neocercospora peristrophes* (Syd.) Sanjay Yadav & Raghv. Singh. The sexual morph is absent. *Neocercospora* was characterized by its stromata substomatal or subcuticular to erumpent, conidiophores are fasciculate, erect to procumbent, septate, smooth, unbranched, rarely branched, straight to slightly curved, geniculate at the tip. Conidiogenous cells are integrated, terminal and intercalary, polyblastic, sympodial, conidiogenous loci slightly protuberant, thickened and darkened, loci conical having a very small rim-like depression on the top encircling a small flat protuberant-like structure; conidia singly, rarely catenate, euseptate, mostly colorless, rarely light olivaceous, obclavate to obclavate-cylindrical, straight to curved, smooth, thin-walled. *Neocercospora* and [Acervuloseptoria](#) are sister clades. *Neocercospora* differs from [Acervuloseptoria](#) by its hyphomycetous nature, while the latter is coelomycetous (Yadav et al. 2023). The taxon was suggested to be pathogenic causing leaf spots of *Peristrophe bicalyculata* (Retz.) Nees in India. However, Koch's postulates have not been conducted. Based on morphological characteristics and phylogenetic analyses using ITS, LSU, and *RPB2*, the taxonomic placement of *Neocercospora* is in [Mycosphaerellaceae](#), [Mycosphaerellales](#), [Dothideomycetes](#).

Reference

Yadav S, Singh R, Verma SK, Singh G, Kushwaha P. – 2023 Addition of three new lineages in Mycosphaerellaceae: *Neoacervuloseptoria* gen. nov., *Neocercospora* gen. nov. and *Neoramulariopsis* gen. nov. *Mycological Progress* 22 (4), 26. <https://doi.org/10.1007/s11557-023-01871-y>

Entry by

De-Wei Li, The Connecticut Agricultural Experiment Station Valley Laboratory, Windsor, CT 06095, USA

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

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