

Outlineoffungi.org - Note 316, *Neolophiotrema*

Neolophiotrema G.C. Ren & K.D. Hyde

The monotypic *Neolophiotrema* (typified by *N. xiaokongense*) was introduced by [Ren et al. \(2021\)](#) for a wood-inhabiting taxon classified in *Dothideomycetes*. The genus is characterized by coriaceous, immersed to semi-immersed ascomata, a hamathecium with cellular pseudoparaphyses and overlapping 1–2-seriate, hyaline ascospores. Phylogenetic analysis of combined SSU, LSU, ITS, *tef1-α* and *rpb2* sequence data supports the placement of *Neolophiotrema* in [Anteagloniaceae](#) ([Ren et al. 2021](#)) (M. Erdoğan).

Reference

Ren GC, Wanasinghe DN, Monkai J, Hyde KD et al. 2021 – Introduction of *Neolophiotrema xiaokongense* gen. et sp. nov. to the poorly represented *Anteagloniaceae* (*Pleosporales*, *Dothideomycetes*). *Phytotaxa* 482, 25–35. [Doi 10.11646/phytotaxa.482.1.3](https://doi.org/10.11646/phytotaxa.482.1.3)