

Outlineoffungi.org - Note 941 *Claviradulomycetaceae*

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Claviradulomycetaceae L.L. Duarte, D.M. Macedo & R.W. Barreto

Based on the Bayesian inference analysis of the LSU and *rpb2* region, Duarte et al (2021), introduced *Claviradulomycetaceae* (*Ostopaless* Nannf.) for species of *Claviradulomyces* P.R. Johnst., D.C. Park, H.C. Evans, R.W. Barreto & D.J. Soares, the genus of apothecial fungi growing on abnormal, hypertrophied and spongy lenticels of plants belonging to distantly related families (*Anacardiaceae*, *Annonaceae*, *Asteraceae*, *Bignoniaceae*, *Erythroxylaceae*, *Fabaceae*, and *Salicaceae*) in Africa (Ghana and Ivory Coast) and South America (Brazil). So far, *Claviradulomyces* is the only genus in this new family. *Claviradulomyces* might be ubiquitous but overlooked because of its cryptic nature. The typical structures of the asexual morph of *Claviradulomycetaceae* are black pycnidia with rostrate ostioles containing fusoid-filiform hyaline conidia. Apothecia (when present) are sessile, containing clavate-muricate paraphyses and unitunicate asci with eight subcylindrical filiform ascospores.

Reference

Duarte LL, Macedo DM, Barreto RW 2021 – Cryptic but ubiquitous: *Claviradulomyceae* fam. nov. with five novel species of the lenticel fungus *Claviradulomyces* from Brazil. *Cryptogamie, Mycologie* 42 (7), 121-135. <https://doi.org/10.5252/cryptogamie-mycologie2021v42a7>.

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