

## Outlineoffungi.org - Note 44, [Areotheca](#)

[Areotheca](#) Y. Marín & Stchigel

In order to produce a more natural classification of the polyphyletic family *Lasiosphaeriaceae*, [Marin-Felix et al. \(2020\)](#) conducted a phylogenetic analysis based on ITS, rDNA LSU, *rpb2* and *tub2* sequence data from soil samples and reference [Sordariales](#) strains. As a result, they introduced three new families (*Diplogelasinosporaceae*, *Naviculisporaceae*, and *Schizotheciaceae*), along with six new genera ([Areotheca](#), [Lundqvistomyces](#), [Naviculispora](#), [Pseudoechria](#), [Pseudoschizothecium](#), and [Rhypophila](#)). Additionally, they introduced new species combinations for *Cladorrhinum*, *Jugulospora*, *Podospora*, *Schizothecium*, and *Triangularia* (M. Erdoğan).

### Reference

Marin-Felix Y, Miller AN, Cano-Lira JF, Guarro J et al. 2020 – Re-evaluation of the order *Sordariales*, delimitation of *Lasiosphaeriaceae* s. str., and introduction of the new families *Diplogelasinosporaceae*, *Naviculisporaceae*, and *Schizotheciaceae*. *Microorganisms* 8, 1–39.  
[Doi 10.3390/microorganisms8091430](https://doi.org/10.3390/microorganisms8091430)