

## Outlineoffungi.org - Note 521, [Trypetheliaceae](#)

[Trypetheliaceae](#) Zenker (= [Arthopyreniaceae](#) Walt. Watson)

[Thiyagaraja et al. \(2021a\)](#) accepted [Arthopyreniaceae](#) as a synonym of [Trypetheliaceae](#) based on the sequence of type species, [Arthopyrenia cerasi](#). [Julella](#) was included within [Trypetheliaceae](#) however, the sequenced [Julella fallaciosa](#) clustered together with [Arthopyrenia cerasi](#) in the phylogenetic analysis. Both [Arthopyrenia cerasi](#) and [Julella fallaciosa](#) differs only in ascospore characteristics (transverse vs. septate muriform), thus transferred to [Arthopyrenia](#) based on morpho-molecular evidence (V. Thiyagaraja).

### Reference

Thiyagaraja V, Lücking R, Ertz D, Coppins BJ, Wanasinghe DN et al. 2021a – Sequencing of the type species of *Arthopyrenia* places *Arthopyreniaceae* as a synonym of *Trypetheliaceae*. *Mycosphere* 12(1), 993–1011. [Doi 10.5943/mycosphere/12/1/10](https://doi.org/10.5943/mycosphere/12/1/10)