

## Outlineoffungi.org - Note 499, [Synarthonia](#)

[Synarthonia](#) Müll. Arg.

[Synarthonia](#) was considered as an *Arthoniales* of uncertain family affiliation. [Van den Broeck et al. \(2018\)](#) placed the genus in *Arthoniaceae* using molecular analyses of a combined data set of mtSSU and *rpb2* sequences that included the type species. The genus was shown to be closely related to the genera *Coniocarpon* and *Reichlingia*. Six [Synarthonia](#) species were described as new to science and ten new combinations were made into this genus. A total of 22 species are now accepted in the genus (D. Ertz).

### Reference

Van den Broeck D, Frisch A, Razafindrahaja T, Van de Vijver B, Ertz D. 2018 – Phylogenetic position of *Synarthonia* (lichenized *Ascomycota*, *Arthoniaceae*), with the description of six new species. *Plant Ecology and Evolution* 151, 327–351. [Doi 10.5091/plecevo.2018.1506](https://doi.org/10.5091/plecevo.2018.1506)