

Outlineoffungi.org - Note 1299 *Tricladiaceae*

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Tricladiaceae P.R. Johnst. & Baschien

The clade accepted here as *Tricladiaceae* had been previously included in *Helotiaceae* by Johnston et al. (2019). Two monophyletic clades basal within *Helotiaceae* sensu Johnston et al. (2019) were later treated as separate families, *Pleuroascaceae* (Untereiner et al. 2019) and *Tricladiaceae* (Johnston & Baschien 2020). Johnston & Baschien (2020) accepted *Cudoniella*, *Geniculospora*, *Graddonia*, *Halenospora*, *Mycofalcella*, *Spirosphaera* and *Tricladium* within *Tricladiaceae*. Monophyly of the family was supported in an analysis with up to 15 genes. Several of these genera had previously been placed incorrectly in *Solenopezaceae* by Ekanayaka et al. (2019). Morphologically, apothecia of the genera in *Solenopezaceae* differ from *Tricladiaceae* in having conspicuous, smooth-walled hairs and a *Calycina*-like ascus apex. *Tricladiaceae* have glabrous apothecia and a *Hymenoscyphus*-like ascus apex. In addition, *Tricladiaceae* characteristically have morphologically complex asexual spores, a feature not known for *Solenopezaceae*.

References

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