

Outlineoffungi.org - Note 89, [Byssolophis](#)

[Byssolophis](#) Clem.

Clements (1931) introduced [Byssolophis](#) with *B. byssiseda* as the type species. [Wijayawardene et al. \(2014\)](#) placed [Byssolophis](#) in *Dothideomycetes* genera *incertae sedis*. [Zhang et al. \(2012\)](#) re-examined the type specimen of *B. byssiseda* and suggested morphological similarities to species in *Lophiostoma*, but did not suggest a taxonomic placement. Pem et al. (2019b) re-examined the isotype of the second species, [B. sphaerioides](#) and reported similar morphology to taxa in *Tetraplosphaeriaceae* namely scattered to gregarious ascomata, immersed to superficial, gabbrous or with brown hyphae, cylindrical to clavate asci with a short pedicel and 1–3-septate, hyaline to pale brown ascospores surrounded by a narrow appendage-like sheath. [Pem et al. \(2019b\)](#) transferred [Byssolophis](#) to *Tetraplosphaeriaceae* based on morphology and phylogenetic analyses using putative strains of [Byssolophis sphaerioides](#) (IFRDCC 2053). Fresh collections and sequence data of the type specimen, *B. byssiseda* is needed to confirm this taxonomic placement (D. Pem).

Reference

- Wijayawardene NN, Crous PW, Kirk PM, Hawksworth DL et al. 2014 – Naming and outline of *Dothideomycetes* – 2014 including proposals for the protection or suppression of generic names. *Fungal Diversity* 69, 1–5. [Doi 10.1007/s13225-014-0309-2](#)
- Zhang H, Hyde KD, McKenzie EHC, Bahkali AH, Zhou D. 2012 – Sequence data reveals phylogenetic affinities of *Acrocalymma aquatica* sp. nov., *Aquasubmersa mircensis* gen. et sp. nov. and *Clohesyomyces aquaticus* (Freshwater coelomycetes). *Cryptogamie, Mycologie* 33(3), 333–346. [Doi 10.7872/crym.v33.iss3.2012.333](#)
- Pem D, Jeewon R, Bhat DJ, Doilom M et al. 2019b – Mycosphere Notes 275-324: A morpho taxonomic revision and typification of obscure *Dothideomycetes* genera (*incertae sedis*). *Mycosphere* 10(1), 1115–1246. [Doi 10.5943/mycosphere/10/1/22](#)