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[Thyridiales](#) R. Sugita & Kaz. Tanaka

[Thyridiaceae](#) was introduced by Yue and Eriksson (1987). The family has long been treated in *Sordariomycetes* families *incertae sedis*, and sequence data were only available for two non-type isolates of the type species, *T. vestitum*. The asexual morph genus *Phialemoniopsis* was introduced by [Perdomo et al. \(2013\)](#) from clinical samples collected from patients with keratomycosis and phaeohyphomycosis. Based on phylogenetic analysis coupled with divergent time estimation, [Hyde et al. \(2021\)](#) raised *Phialemoniopsis* to familial status. [Sugita and Tanaka \(2022\)](#) revised [Thyridium](#) and introduced several new species. They considered *Phialemoniopsis* to be congeneric with [Thyridium](#). *Phialemoniopsidaceae* was therefore a synonym of [Thyridiaceae](#). A new order [Thyridiales](#) in *Sordariomycetes* was established to accommodate [Thyridiaceae](#).

References

- Hyde KD, Bao DF, Hongsanan S, Chethana KWT et al. 2021 – Evolution of freshwater *Diaporthomycetidae* (*Sordariomycetes*) provides evidence for five new orders and six new families. *Fungal Diversity* 107, 71–105. <https://doi.org/10.1007/s13225-021-00469-7>
- Perdomo H, García D, Gené J, Cano J 2013 – *Phialemoniopsis*, a new genus of *Sordariomycetes*, and new species of *Phialemonium* and *Lecythophora*. *Mycologia* 105, 398–421. <https://doi.org/10.3852/12-137>
- Sugita R, Tanaka K 2022. – *Thyridium* revised: Synonymisation of *Phialemoniopsis* under *Thyridium* and establishment of a new order, Thyridiales. *MycKeys* 86, 147–176. <https://doi.org/10.3897/mycokeys.86.78989>
- Yue JZ, Eriksson OE 1987 – *Sinosphaeria bambusicola* gen. et sp. nov., (*Thyridiaceae* fam. nov.). *Systema Ascomycetum* 6, 229–236.

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