

Outlineoffungi.org – Note 1214 Coniothyrioides

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Coniothyrioides Wijes., M.S. Calabon, E.B.G. Jones & K.D. Hyde

Coniothyrioides was established in *Coniothyriaceae* (*Pleosporales*, *Dothideomycetes*) to accommodate a new saprobic species, that was collected from submerged decaying wood in salt marsh ecosystems in Thailand, based on morphology and phylogenetic analysis using ITS, LSU, and SSU sequence data (Wijesinghe et al. 2023). *Coniothyrioides* is a monotypic genus and it was typified by *C. thailandica* (Wijesinghe et al. 2023). This genus is described by its asexual morph characteristics, including black, conspicuous pycnidia and ostiolate, globose to subglobose conidiomata. Brown setae with a hyaline apex observed on the outer layers of the conidiomata wall. The ellipsoidal to obovoid conidia are aseptate, initially hyaline, and become pale brown to dark brown over time (Wijesinghe et al. 2023). Several *Coniothyrium*-like taxa show similar conidial characteristics to *Coniothyrioides* including *Coniothyrium* and *Neoconiothyrium*. However, phylogenetically, *Coniothyrioides* forms a distinct lineage from both *Coniothyrium* and *Neoconiothyrium* (Wijesinghe et al. 2023).

Reference

Wijesinghe SN, Calabon MS, Xiao Y, Jones EBG et al. 2023 – A novel coniothyrium-like genus in *Coniothyriaceae* (*Pleosporales*) from salt marsh ecosystems in Thailand. *Studies in Fungi* 8, 6. <https://doi.org/10.48130/SIF-2023-0006>

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Published online 8 May 2024