

Outlineoffungi.org – Note 1480 *Isthmosporiella*

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Isthmosporiella Crous

The monotypic genus *Isthmosporiella* was established by Crous et al. (2023) to accommodate *I. africana* Crous based on morphological characteristics and phylogenetic analysis (ITS, LSU, and *rpb2* sequences). The type species was isolated from the dead twigs of unidentified tree in in South Africa. The mycelium is hyaline, smooth, branched, and septate. Conidiophores are reduced to conidiogenous cells, which are erect, solitary, hyaline, smooth, and subcylindrical in shape. Conidia are arranged in unbranched acropetal chains, four to eight, and fusoid-ellipsoid to clavate in shape. *Isthmosporiella* shares a phylogenetic relationship with *Nagrajchalara*, *Hyaloscypha*, and *Eupezizella*, but it exhibits distinct morphological features with them (Crous et al. 2023).

Reference

Crous PW, Costa MM, Kandemir H, Vermaas M et al. 2023 – Fungal Planet description sheets: 1550–1613. *Persoonia-Molecular Phylogeny and Evolution of Fungi* 51(1), 280–417. <https://doi.org/10.3767/persoonia.2023.51.08>

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Published online 26 August 2024