

Outlineoffungi.org - Note 573 *Neodictyosporium*

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Neodictyosporium Tennakoon, C.H. Kuo & K.D. Hyde

Tennakoon et al. (2021) introduced *Neodictyosporium* within *Sordariales* genera *incertae sedis* with *N. macarangae* as the type species. This monotypic saprobic genus was associated with dead leaf petioles of *Macaranga tanarius* in Taiwan. As the genus develops cheiroporous conidia (hand-like) (Goh 1999; Boonmee et al. 2016), the morphology of *Neodictyosporium* resembles *Dictyosporium*. Though the conidia of *Dictyosporium* is hyphomycetous and form directly on mycelia or substrate (Boonmee et al. 2016), the conidia of *Neodictyosporium* form in pycnidia. *Neodictyosporium* possesses two types of conidia, namely cheiroporous conidia (type I) and clavate to obovoid conidia (type II) (Tennakoon et al. 2021). According to the phylogenetic analyses of Tennakoon et al. (2021), *Neodictyosporium* nested in-between *Acrodictys* and *Platytrachelon* within Sordariomycetes. *Neodictyosporium* could be distinguished from the above mentioned genera in having two types of conidia (cheiroporous conidia and clavate to obovoid conidia), whereas *Acrodictys* produces broadly clavate, obovoid to pyriform, muriform conidia (Luo et al. 2019) and *Platytrachelon* has cylindrical, one-celled, strongly curved conidia (Réblová 2013).

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