

## Outlineoffungi.org - Note 570 [Saprodesmium](#)

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[Saprodesmium](#) W. Dong & Doilom

The saprobic monotypic genus [Saprodesmium](#) which was typified by *S. dematiosporum* has been found on decaying wood in a freshwater habitat in China ([Dong et al. 2021](#)). [Saprodesmium](#) is sister to *Rhexoacrodictys* in [Pleurotheciaceae](#) based on LSU-SSU-ITS-*rpb2* analysis ([Dong et al. 2021](#)). The hyphomycetous [Saprodesmium](#) has micronematous conidiophores and holoblastic conidiogenous cells similar to *Dematipyriforma*, but differs by mature conidia having more septa ([Dong et al. 2021](#), [Sun et al. 2017](#)). *Rhexoacrodictys* shares characteristics with [Saprodesmium](#) in having muriform and obovoid conidia whereas *Rhexoacrodictys* has macronematous conidiophores (Baker et al. 2002, [Dong et al. 2021](#), [Xiao et al. 2018](#)). No sexual morph has been recorded; thus, [Saprodesmium](#) is placed in [Pleurotheciaceae](#) based on phylogenetic analyses and similar asexual morphs with *Dematipyriforma* and *Rhexoacrodictys* ([Dong et al. 2021](#)).

### References

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### Entry by

**Shi-Ke Huang**, Center of Excellence in Fungal Research, Mae Fah Luang University, Chiang Rai 57100, Thailand

(Edited by **Sajeewa Maharachchimbura and Kevin D. Hyde**)

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