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Fungi inhabiting wood are mainly reported as saprobes and distributed in terrestrial and aquatic environments. These fungi are essential in mineral cycling and decomposing processes and thus play a key role in ecosystems. They produce many enzymes, such as cellulases, xylanases, and ligninases. These enzymes can also be used in different aspects, such as in bioremediation. Fungi, which cause diseases in timber plants, are responsible for the loss of timber quality. White rot fungi are a crucial group that causes losses in pre-harvested and post-harvested timber. However, it is presumed that many fungal species associated with wood substrates are yet to be discovered, especially in under-studied regions in the tropics.

To better understand this exciting research area, we proposed the research topic "*Taxonomy and secondary metabolites of wood-associated fungi*". We accepted six original articles on different aspects of wood-associated fungi for this topic.











A peer-reviewed open-access journal



TAXONOMY AND SECONDARY METABOLITES OF WOOD-ASSOCIATED FUNGI

Edited by Nalin Wijayawardene, Samantha Karunarathna, Xin-Lei Fan, and Qi-Rui Li



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For those who want their work rapidly known to the World !

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Institute of Biodiversity and Ecosystem Research Bulgarian Academy of Sciences Yurii Gagarin Street 2 1113 Sofia, Bulgaria E-mail: l.penev@pensoft.net

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Pensoft Publishers

Prof. Georgi Zlatarski 12, 1700 Sofia, Bulgaria. Tel. +359-2-8704281, Fax +359-2-8704282 E-mail: mycokeys@pensoft.net

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- org/10.1186/1756-0500-2-53
- Paper within conference proceedings: Kress WJ, Specht CD (2005) Between Cancer and Capricorn: phylogeny, evolution, and ecology of the tropical Zingiberales. In: Friis I, Balslev H (Eds) Proceedings of a symposium on plant diversity and complexity patterns - local, regional and global dimensions. Biologiske Skrifter, The Royal Danish Academy of Sciences and Letters, Copenhagen, 459-478.
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- Books: Heywood VH, Brummitt RK, Culham A, Seberg O (2007) Flowering Plant Families of the World. Kew Publishing, 1-424.

Book with institutional author: International Commission on Zoological Nomenclature (1999) International code of zoological nomenclature. Fourth Edition. London: The International Trust for Zoological Nomenclature.

- PhD thesis: Stahlberg D (2007) Systematics, phylogeography and polyploid evolution in the Dactylorhiza maculata complex (Orchidaceae). PhD Thesis, Lund University, Sweden.
- Link/URL: BBC News (2019) Plants 'can recognise themselves'. http://news.bbc.co.uk/earth/hi/earth_news/newsid 8076000/8076875.stm

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