

## Outlineoffungi.org - Note 550, [Morakotia](#)

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[Morakotia](#) Mongkols., Noisrip., Khons., Thanakitp. & Luangsa-ard  
[Morakotia](#) is a monotypic genus introduced by [Mongkolsamrit et al. \(2021\)](#) and typified by [Morakotia fusca](#). [Morakotia fusca](#) was found on seeds of *Smilacaceae* in the central and northeastern regions of Thailand ([Mongkolsamrit et al. 2021](#)). Its sexual morph is characterized by erect, clavate, stipitate stromata, orange yellow to brown orange, cylindrical to clavate fertile heads, completely immersed, narrow flask-shaped perithecia, cylindrical, 8-spored asci with thick apices and hyaline whole, filiform, multiseptate ascospores ([Mongkolsamrit et al. 2021](#)). The asexual morph was described from an MEA culture, wherein monophialidic, awl-shaped conidiogenous cells and hyaline, globose conidia were produced ([Mongkolsamrit et al. 2021](#)). In a phylogenetic analysis of concatenated LSU, RPB1 and TEF1 sequences, [Morakotia](#) constitutes a distinct clade branched off from *Shimizuomyces*. These two genera share the same characteristics in having cylindrical to clavate stromata arising from seeds and filiform, multiseptate ascospores. However, [Morakotia](#) is distinguished from *Shimizuomyces* by the shape and arrangement of perithecia. [Morakotia](#) has narrowly flask-shaped and completely immersed perithecia, while that of *Shimizuomyces* are pyriform and immersed with slightly projecting ostioles. [Morakotia](#) thus was established as a distinct genus in *Clavicipitaceae* of *Hypocreales*, *Sordariomycetes* ([Mongkolsamrit et al. 2021](#)).

### Reference

Mongkolsamrit S, Noisripoom W, Thanakitpipattana D, Khonsanit A, Lamlertthon S, Luangsa-Ard JJ (2021) New species in *Aciculosporium*, *Shimizuomyces* and a new genus *Morakotia* associated with plants in Clavicipitaceae from Thailand. *Fungal Systematics & Evolution* 8(1): 27–37.  
<https://www.ingentaconnect.com/content/wfbi/fuse/2021/00000008/00000001/art00004;jsessionid=reblsfb2cou.x-ic-live-01>

### Entry by

**De-Ping Wei**, Center of Excellence in Fungal Research, Mae Fah Luang University, Chiang Rai, Thailand

(Edited by: **Kevin D. Hyde**)

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