

Outlineoffungi.org - Note 1196 *Pseudomultiseptospora*

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Pseudomultiseptospora Phookamsak, Rajeshk., Karun. & Wijayaw.

The monotypic genus *Pseudomultiseptospora* was established by Senanayake et al. (2023) to accommodate *Pseudomultiseptospora thysanolaenae* (Phook., Ariyaw. & K.D. Hyde) Phookamsak, Rajeshk., Karun. & Wijayaw. based on morphology and phylogeny (*tef1-α*, SSU, and LSU sequence data). This species was isolated from the dead leaf sheath of *Thysanolaena maxima* in Thailand. In this genus, only the sexual form has been observed. The ascomata are scattered, immersed, uni-loculate, and globose to subglobose-shaped. The hamathecium is composed of dense and cellular pseudoparaphyses. The asci are eight-spored, bitunicate, fissitunicate which consist of fusiform, septate, smooth-walled, and mucilaginous sheath ascospores. The taxonomic classification of *Pseudomultiseptospora* within the order *Pleosporales* is uncertain. *Pseudomultiseptospora* shares morphological characteristics with *Multiseptospora*, but *P. thysanolaenae* is differentiated from *Multiseptospora thalandica* by larger ascomata, asci, and ascospores as well as glabrous ascostromata, and brown ascospores, and less ascospore septation. The combined analysis of LSU and *tef1-α* sequence data has shown that the new genus is distant from *Multiseptospora* (Senanayake et al. 2023).

Reference

Senanayake IC, Rossi W, Leonardi M, Weir A et al. 2023 – Fungal diversity notes 1611–1716: taxonomic and phylogenetic contributions on fungal genera and species emphasis in south China. *Fungal Divers* 12, 1–243.

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