

Outlineoffungi.org - Note 551, *Xenovaginatispora*

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Xenovaginatispora Boonmee, Huanraluek & K.D. Hyde

Xenovaginatispora is an ascomycetous genus belonging to *Lindgomycetaceae* (*Pleosporales, Dothideomycetes*). This genus includes a single species, *X. phichaiensis*, found from submerged decaying wood in a freshwater stream in Thailand ([Boonmee et al. 2021](#)). This genus is similar to *Vaginatispora*, but the latter is a member of *Lophiostomataceae* ([Hashimoto et al. 2018](#), [Andreasen et al. 2021](#)). The ascospores of *Xenovaginatispora* resemble those of *Lindgomyces* which also has fusiform, 1-septate, hyaline ascospores surrounded by a prominent sheath or bipolar mucilaginous appendages ([Hirayama et al. 2010](#)). However, *Xenovaginatispora* is phylogenetically separated from *Lindgomyces* and forms a sister clade of the *Neolindgomyces* spp. ([Boonmee et al. 2021](#)) which has fusiform to cylindrical, 4–8-septate, hyaline ascospores ([Hyde and Goh 1999](#), [Jayasiri et al. 2019](#)).

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