

Outlineoffungi.org - Note 979 *Falholtia*

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Falholtia W.P. Wu & Y.Z. Diao

Falholtia, a stanjehughesia-like genus, was established by Wu and Diao (2022) to accommodate *Falholtia kaohsiungensis* W.P. Wu & Y.Z. Diao, based on morphology and phylogeny. *Stanjehughesia kaohsiungensis* S.Y. Hsieh, Goh & C.H. Kuo is synonym for *F. kaohsiungensis*. *Falholtia kaohsiungensis* was collected on decaying branches in China and is a saprobe. This monotypic genus has cylindrical and septate conidiophores in clusters or synnemata, monoblastic, integrated and determinate conidiogenous cells, and dark brown, obclavate-rostrate, euseptate conidia, which differs from *Stanjehughesia* (Wu & Diao 2022). Maximum likelihood analysis of combined ITS and LSU sequence data showed that *Falholtia* formed a separate clade within *Chaetosphaeriaceae*, *Chaetosphaeriales*, *Sordariomycetes* (Wu & Diao 2022). The genus is monotypic and only the asexual morph was reported (Wu & Diao 2022).

Reference

Wu W, Diao Y. 2022 - Anamorphic chaetosphaeriaceous fungi from China. *Fungal Divers* 116 (1):1-546. <https://doi.org/10.1007/s13225-022-00509-w>

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