

Outlineoffungi.org - Note 976 *Kylindrochaeta*

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

Kylindrochaeta was established by Wu & Diao (2022) for *Kylindrochaeta lignomollis* W.P. Wu & Y.Z. Diao based on morphology and phylogeny. *Chaetosphaeria lignomollis* F.A. Fernández & Huhndorf is a synonym of *Kylindrochaeta lignomollis*. The taxon was isolated as a saprobe on decorticated wood in Costa Rica and Puerto Rico. This monotypic genus has cylindrical-fusiform, hyaline to subhyaline, 7-septate ascospores, simple conidiophores, with mono- or poly-phialidic, sympodial conidiogenous cells, and produces hyaline, cylindrical, multiseptate, aseptulate conidia (Wu & Diao 2022). This genus differs from other genera of *Chaetosphaeriaceae* with multi-septate and cylindrical to fusiform ascospores in that the conidia of the asexual morph have no setulae. Maximum likelihood analysis based on combined ITS and LSU sequence data showed that *Kylindrochaeta* formed a separate clade within *Chaetosphaeriaceae*, *Chaetosphaeriales*, *Sordariomycetes*. One species is accepted in this genus and both sexual and asexual morphs were reported (Wu & Diao 2022).

Reference

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

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