

Outlineoffungi.org - Note 980 *Eucalyptostromiella*

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

Eucalyptostromiella was introduced by Wu & Diao (2022) for *Eucalyptostromiella beijingensis* W.P. Wu & Y.Z. Diao based on morphology and phylogeny. The fungus was collected on dead kernels of *Quercus* sp. in China. This monotypic genus is characterized by fresh-yellow sporodochia, flask-shaped, phialidic conidiogenous cells, and hyaline, aseptate, falcate or lunate conidia in slimy and fresh-yellow masses (Wu & Diao 2022).

Eucalyptostromiella is similar to *Eucalyptostroma*, but differs by having flask-shaped conidiogenous cells with a bulbous basal part and a tubular upper part, and lunate or falcate conidia with acute ends (Wu & Diao 2022). Maximum likelihood analysis based on combined ITS and LSU sequence data showed that *Eucalyptostromiella* formed a separate clade within *Chaetosphaeriaceae*, *Chaetosphaeriales*, *Sordariomycetes* (Wu & Diao 2022). The genus is monotypic and only asexual morph was 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>

Entry by

Chuan-Gen Lin, Center of Excellence in Fungal Research, Mae Fah Luang University, Muang, Chiang Rai, Thailand.

(Edited by **Kevin D. Hyde & Maryam Tavakol Noorabadi**)

Published online 5 April 2024