

Outlineoffungi.org - Note 1213 Caligospora

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Caligospora Réblová

Réblová & Nekvindová (2023) established *Caligospora* to accommodate *C. dilabens* (Réblová & W. Gams) Réblová as the type species, based on morphology and phylogenetic analysis (ITS, LSU, and *tef1* sequence data). In the asexual morph, the conidiophores are macronematous, mononematous, solitary, erect, and unbranched. The conidiogenous cells are monopialidic, terminal, and integrated with aseptate and smooth conidia, while chlamydospores are not present. The perithecia are superficial and globose to subglobose-shaped with two-layered walls. In the sexual morph, the asci are unitunicate, cylindrical-clavate-shaped, and 8-spored, with fusiform-shaped and hyaline ascospores. The type species was isolated from the stem of *Bambusa* sp. in Japan. The second species, *C. pannosa*, was isolated from the roots of *Theobroma cacao* in Brazil. *Caligospora* shows a close relationship with *Caliciastrum* and *Craspedodidymum elatum* based on phylogenetic analysis with ITS, LSU, *rpb2*, and *tef1* sequence data (Réblová & Nekvindová 2023). *Caliciastrum* is distinguished from other genera of the family *Chaetosphaeriaceae* by its septate and bicolorous ascospores, cup-shaped setose ascomata, and chloridium-like asexual form (Réblová & Nekvindová 2023). The taxonomical placement of this genus is in *Chaetosphaeriaceae*, *Chaetosphaeriales*, and *Ascomycota*.

Reference

Réblová M, Nekvindová J. 2023 – New genera and species with chloridium-like morphotype in the *Chaetosphaeriales* and *Vermiculariopsiellales*. *Studies in Mycology* 106, 199–258. <https://doi.org/10.3114/sim.2023.106.04>

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