

Outlineoffungi.org - Note 851 *Tubulicolla*

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Tubulicolla Réblová & Hern. -Restr

Tubulicolla was introduced by Réblová et al. (2021) to accommodate *T. cylindrospora* (≡ *Codinaea cylindrospora*) as the type species, based on morphological characteristics and phylogenetic analysis of ITS, 18S, 28S, and *rpb2* sequence data. *Tubulicolla microcylindrospora* and *T. stipiticolla* are the other accepted species in the genus (Wu & Diao 2022). *Tubulicolla* species have been reported as saprobes from dead plant materials in Brazil, the Caribbean, China, Cuba, Malaysia, and the USA. *Tubulicolla* is characterized by dark brown to black, effuse and hairy colonies on the natural substrate. Mycelium is composed of subhyaline to pale brown hyphae. Setae and conidiophores arise from stromata. Setae are dark brown, becoming pale brown towards the apex, unbranched, straight and cylindrical. Conidiophores are brown and arise in groups around the setae. Conidiogenous cells are phialidic, clavate to lageniform, and terminal. Collarettes are funnel-shaped and hyaline. Conidia are subcylindrical to cylindrical, straight or slightly curved, and smooth. Morphologically *Tubulicolla* resembles *Dictyochaeta*, but differs in conidia size and shape with sterile setae. Sexual morph was not determined. The taxonomic placement of *Tubulicolla* is in *Vermiculariopsiaceae*, *Vermiculariopsiales*, *Sordariomycetes*, and *Ascomycota*.

References

- Réblová M, Nekvindová J, Kolařík M, Hernández-Restrepo M. 2021 – Delimitation and phylogeny of *Dictyochaeta*, and introduction of *Achrochaeta* and *Tubulicolla*, genera nova. *Mycologia* 113(2), 390–433. <https://doi.org/10.1080/00275514.2020.1822095>
- Wu W, Diao Y. 2022 – Anamorphic chaetosphaeriaceous fungi from China. *Fungal Diversity* 116, 1–546. <https://doi.org/10.1007/s13225-022-00509-w>

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