Triadelphia moubasherii sp. nov., from the gut of red palm weevils, Rhinocophorus ferrugineus Olivier

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Abstract:

During surveys of the mycota inhabiting guts of some insect species in Assiut area, Egypt, an interesting isolate of a dematiaceous hyphomycete was obtained from a gut sample (out of 11 investigated) of the red palm weevil, Rhinocophorus ferrugineus. This isolate was morphologically and genotypically identified as a new species in the genus Triadelphia (Triadelphia moubasherii Abdel-Sater and Zeinab Soliman, with 94 % ITS similarity with T. disseminata Madrid & J. Edathodu, GenBank accession no. KC489510). The type strain of the new species was deposited at Assiut University Mycological Centre Culture Collection and given AUMC number 10746 and the ITS gene sequence was deposited at the National Center for Biotechnological Information (NCBI) and accession numbers is given as KY611849. Description and photos of the new species are presented.

Keywords:

Assiut · insect · pleomorphic · Triadelphia disseminata · T. pulvinata

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