

Notes on dematiaceous Hyphomycetes. III. *Dischloridium cylindrospermum* sp. nov.

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Abstract. – *Dischloridium cylindrospermum* sp. nov. is described and illustrated from a collection made on *Ipomoea fistulosa* MART. ex CHOISY.

During the course of studies on dematiaceous hyphomycetes of Gorakhpur, an interesting fungus was collected on dead stem of *Ipomoea fistulosa*. It is best classified in the genus *Dischloridium* SUTTON (SUTTON, 1976). However, the present fungus differs from *Dischloridium laeense* (MATSUSHIMA) SUTTON, the type and the only species so far known, in having cylindrical conidia (ellipsoid in *D. laeense*). It is, therefore, described as a new species.

Dischloridium cylindrospermum sp. nov. – Fig. 1

Coloniae effusae, obscurae brunneae, breviter pilosae. Stromata pseudoparenchymatica. Conidiophora caespitosa, erecta, recta vel flexuosa, eramosa, septata, laevia, basim versus obscurae brunnea, apicem versus gradatim pallidiora, usque ad 350 μm longa, ad fundamentum inflata usque ad 11.5 μm lata, prope medio 4–5 μm diametro. Phialides cylindricae vel subulatae, collarulo parvo praeditae, 1.5–2.5 μm latae. Conidia deinceps producentia, cylindrica, ad basim truncata, aseptata, guttulate, hyalina, laevia, 18–22 \times 4.5–5.7 μm . – Holotypus: IMI 215291.

Colonies effuse, dark brown, shortly hairy. – Stroma pseudoparenchymatous. – Conidiophores caespitose, erect, straight or flexuous, unbranched, septate, smooth, dark brown near the base, gradually lighter in colour above, up to 350 μm long, up to 11.5 μm in diam at the swollen base, 4–5 μm in diam near the middle, occasionally with single intercalary swelling up to 9 μm in diam. – Phialides cylindrical or subulate with a small collarette 1.5–2.5 μm wide. – Conidia produced enteroblastically singly and successively at the apex of phialides, cylindrical with truncate base, aseptate, guttulate, hyaline, smooth, 18–22 \times 4.5–5.7 μm .

On dead stem of *Ipomoea fistulosa* MART. ex CHOISY near Arogya Mandir, Gorakhpur, U. P., India, 20 Feb 1976, S. K. SRIVASTAVA, S-321 (= IMI 215291, holotype).

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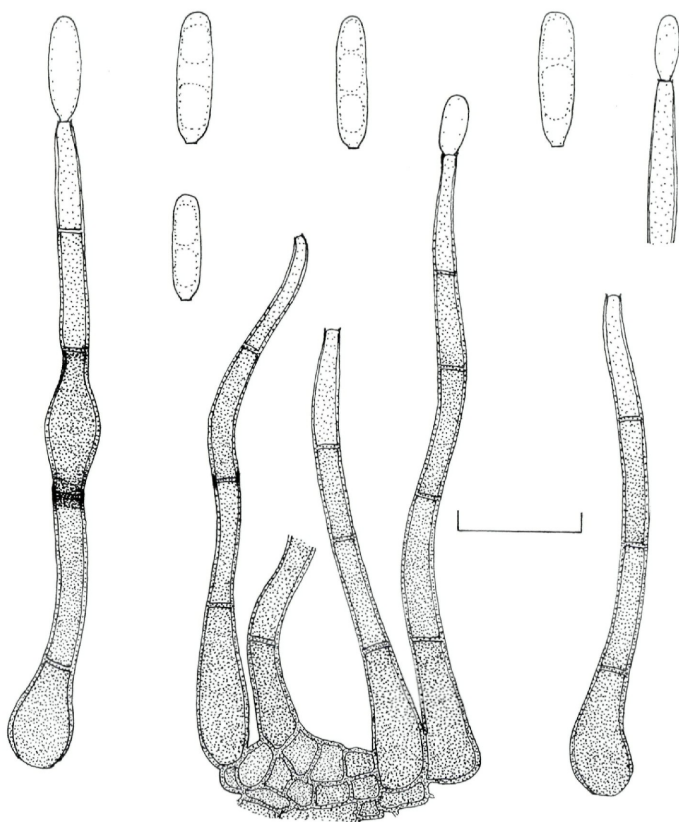


Fig. 1: *Dischloridium cylindrosporum* SRIVASTAVA (Typus):
phialides, conidia (bar = 20 μ m).

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Reference

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