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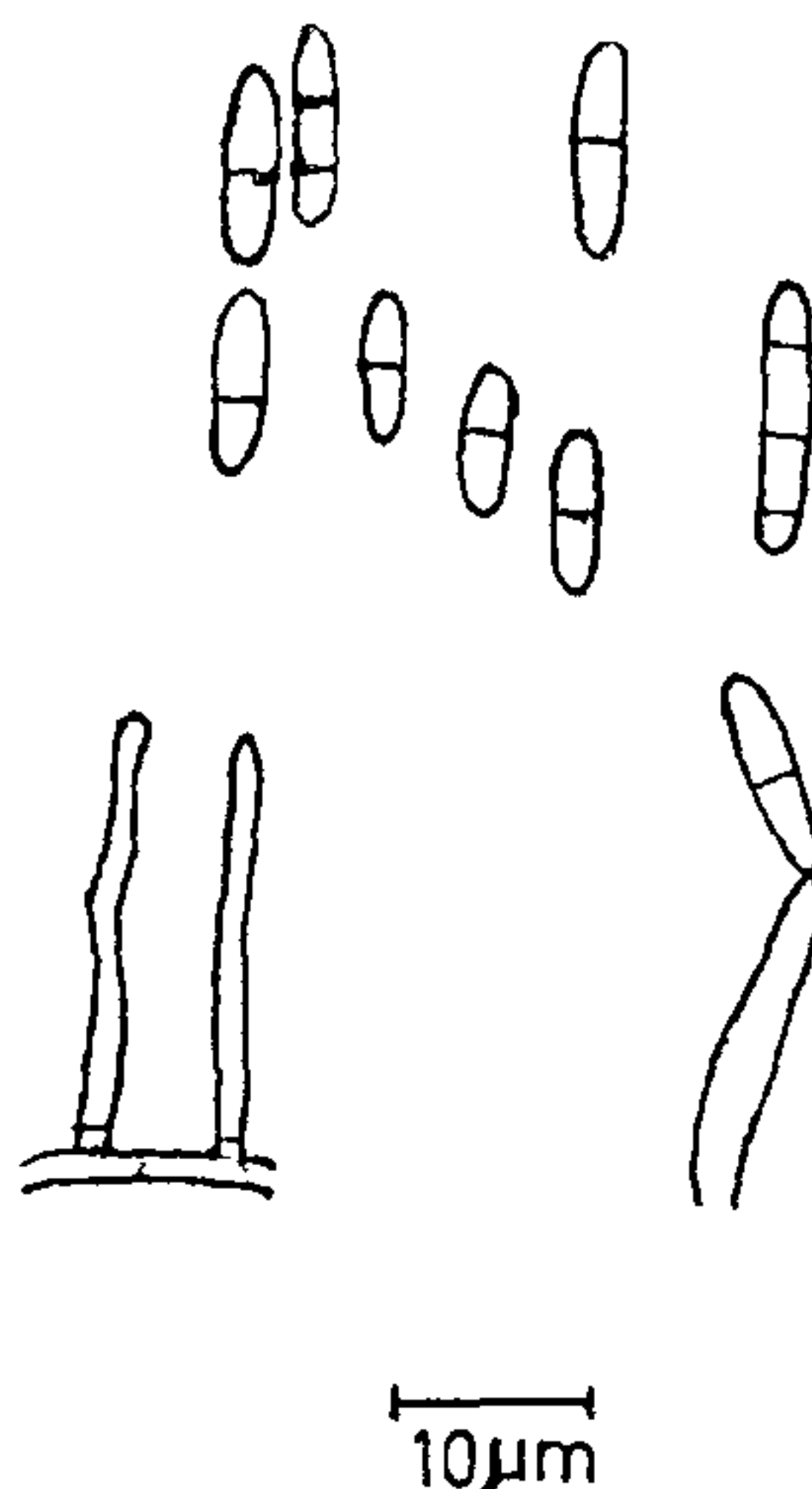


FIG. 1

A NEW SPECIES OF *CYLINDROCARPON*

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DURING the survey of Hyphomycetous fungi of Mount Abu, Rajasthan, the authors came across a whitish fungal growth on a dead twig. The fungus has been identified as a new species of *Cylindrocarpon*. Booth¹ in his revision of the genus *Cylindrocarpon* described 27 species and six varieties. Deighton and Pirozynski² described some hyperparasitic species of *Cylindrocarpon*. The present fungus is not hyperparasitic but it comes close to hyperparasitic species *C. macrosporum* (Spez.)². The conidiophores are smaller in size and the conidia are cylindrical with rounded ends. Therefore it is described as a new species.

Cylindrocarpon abuense sp. nov. Chouhan and Panwar

Coloniae effusae, albe. Mycelium superficiale, ex hyalinis, septatis, 1-2 μ m crassis hyphis compositum. Conidiophora (phialides) ex hyphis lateraliter orientata, simplicia, recta vel flexa, hyalina 13.5-32.5 μ m longa, 2-3 μ m lata, una cum septum basale. Cellulae conidigenae, monophialidicae, terminalae. Conidia apud, apicem tenuem, cylindrica, cum rotundatis extremis 1-3 septata, 8-20 \times 2-3.5 μ m (Fig. 1).

Typus lectus in lingo emortuo in loco Mount Abu die October 1975 J. S. Chouhan et K. S. Panwar et positus, C.M.I., Kew, Herb, I.M.I. 199265 (a) typus et Botany Department, University of Jodhpur, Coll. J.U.M.L. 605 (a).

Colonies effuse, whitish. Mycelium superficial, composed of hyaline, septate, 1-2 μ m thick hyphae. Conidiophores (phialides) arising from the hyphae, laterally, simple, straight or flexuous, hyaline, 13.5-32.5 μ m long, 2-3 μ m wide, with a basal septum. Conidigenous cells monophialidic, terminal. Conidia formed at the tips of the conidiophores in slimy heads, hyaline, smooth, thin walled, cylindrical with rounded ends, 1 to 3 septate, 8-20 \times 2-3.5 μ m.

Collected on dead twig from Mount Abu by J. S. Chouhan and K. S. Panwar in October 1975 and deposited in C.M.I., Kew, Herb. I.M.I. 199265 (a) and Botany Department, University of Jodhpur, Jodhpur, Coll. J.U.M.L. 605 (a).

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