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THREE NEW RECORDS OF FUNGI FROM PAKISTAN

A. HUSSAIN and M.A.B. MALIK

Department of Botany,

University of Karachi, Karachi 32

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During the course of study of rhizosphere microflora of *Trifolium alexandrinum* L., a number of fungi, bacteria and actinomycetes were isolated. Isolations of the fungi were made on peptone-dextrose-agar using Timonin's¹ dilution technique. Of these the following three fungi have not previously been recorded from Pakistan and are described below.

Myrothecium striatisporum Preston

Preston, N.C. in Trans. Brit. Mycol. Soc., **31**, 271, 276, 1948.

On Czapek Dox agar-mycelium white, turning dark-green after sporulation, conidia greenish-black in

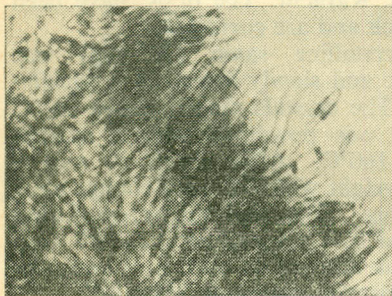


Fig. 1. *Myrothecium striatisporum*
Preston Sporodochium $\times 400$

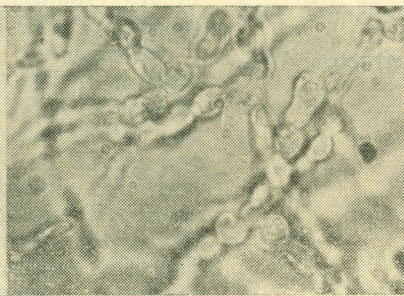


Fig. 2. *Scytalidium* Pesante. Conidia $\times 400$

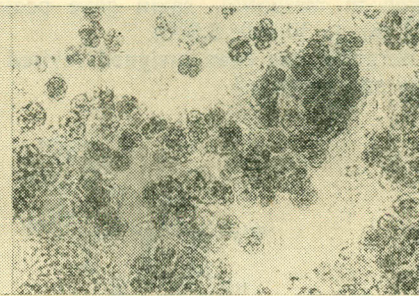


Fig. 3. *Arachniotus dankaliensis* (Cast) Van
Beyma Asci and ascospore $\times 400$

tufts of the mycelium producing sporodochium. Conidiophore 15-40 μ long, septate, smooth, penicillately branched and interwoven forming a tuft on which olivaceous-green conidia are formed in a slimy mass. Conidia oval, smooth, olivaceous-green measuring 7.9-11.9 $\mu \times 3.9 \mu$.

From rhizosphere soil of *T. alexandrinum*, 11.3.70 A. Husain (University of Karachi, Botany Department, accession No. 2; I. M. I. 150426)

Scytalidium Pesante in Ann. Sper.N.S. **11**, Suppl. P. ccl xiv, 1957.

On Czapek Dox agar-colony white at first becoming dark, reverse brownish. Mycelium hyaline, branched, septate approximately 3.9 μ thick, conidiophores arise as short peg, bearing one celled hyaline, globose to subglobose conidia in chains, measuring 6-12 μ

From rhizosphere soil of *T. alexandrinum*, 1.3.70; A. Husain. University of Karachi, Botany Department accession No. 17; I. M. I. 149623.

Arachniotus dankaliensis (Cast) Van Beyma

Kuehn, H. H. in Mycologia, **50**, 417- 439, 1958.

On Czapek Dox agar-mycelium scanty, brick-red, branched, septate lacking cleistothecium. Asci aggregated in large number, globose to subglobose measuring 7.9-11.9 μ containing 8 ascospores each. Ascospores globose to subglobose, yellowish, smooth-walled measuring 3.9-4.6 μ .

From soil of Karachi University campus, 1.3.70; A. Husain, University of Karachi, Botany Department, accession No. 6: I. M. I. 149621).

Acknowledgement. The authors are thankful to the Commonwealth Mycological Institute for the identification.

Reference

1. M.I. Timonin, Canad. J. Res., **18** (c), 307 (1940).