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#### A NEW SPECIES OF *BARTALINIA*

DURING the course of the investigation on soil mycoflora a coelomycete fungus *Bartalinia* sp. was isolated from soil collected at Thirthahalli, Shimoga District, Karnataka. The present isolate differed from other known species<sup>1,2</sup> namely *Bartalinia robillardoides*, *B. biscofiae*, *B. bella* in possessing bigger pycnidia, longer conidia and setulae and hence it is described here as a new species namely *Bartalinia terricola*.

The following description is based on the growth of the isolate on Potato Dextrose Agar Medium.

*Brtalinia terricola* sp. nov. (Fig. 1)

Black pycnidial initials appear in 3-4 days and are well developed in 6-7 days. Pycnidia brown to black, subglobose to irregular, 1-1.8 mm in diameter, papillate, scattered, numerous, coalescing with each other, cavity unilocular. Conidiophores lining inner wall cylindrical to obclavate, hyaline, annellidic with apical percurrent proliferations, thin walled  $6-7 \times 7-8.5 \mu$  in size forming solitary conidia at the apex. Conidia holoblastic, hyaline, cylindrical to fusiform 3 septate measuring  $18-31 \times 4.4 \mu$  with trifurcate apical hyaline appendage  $14-22 \mu$  long and a simple basal pedicel measuring  $4-13 \mu$  in length.

Initia pycnidiorum nigra, intra 3-4 dies orientia et intra 6-7 dies complete efformata. Pycnidia brunnea vel nigra, subglobosa vel irregularia, 1-1.8 mm. diam., papillosa, dispersa numerosa, inter se

coalescentia, cavitate uniloculari. Conidiophora parietibus internis insita, cylindrica vel obclavata, proliferationibus ad apicem percurrentibus, parietibus tenuibus,  $6-7 \times 7-8.5 \mu$ . Conidia solitaria ad apicem efformantia, holoblastica, hyalina, cylindrica vel fusiformia, triseptata,  $18-31 \times 4.4 \mu$ , appendice hyalina, apicali, trifurcata,  $14-22 \mu$  longa et pedicello simplici basali  $4-13 \mu$  longa.

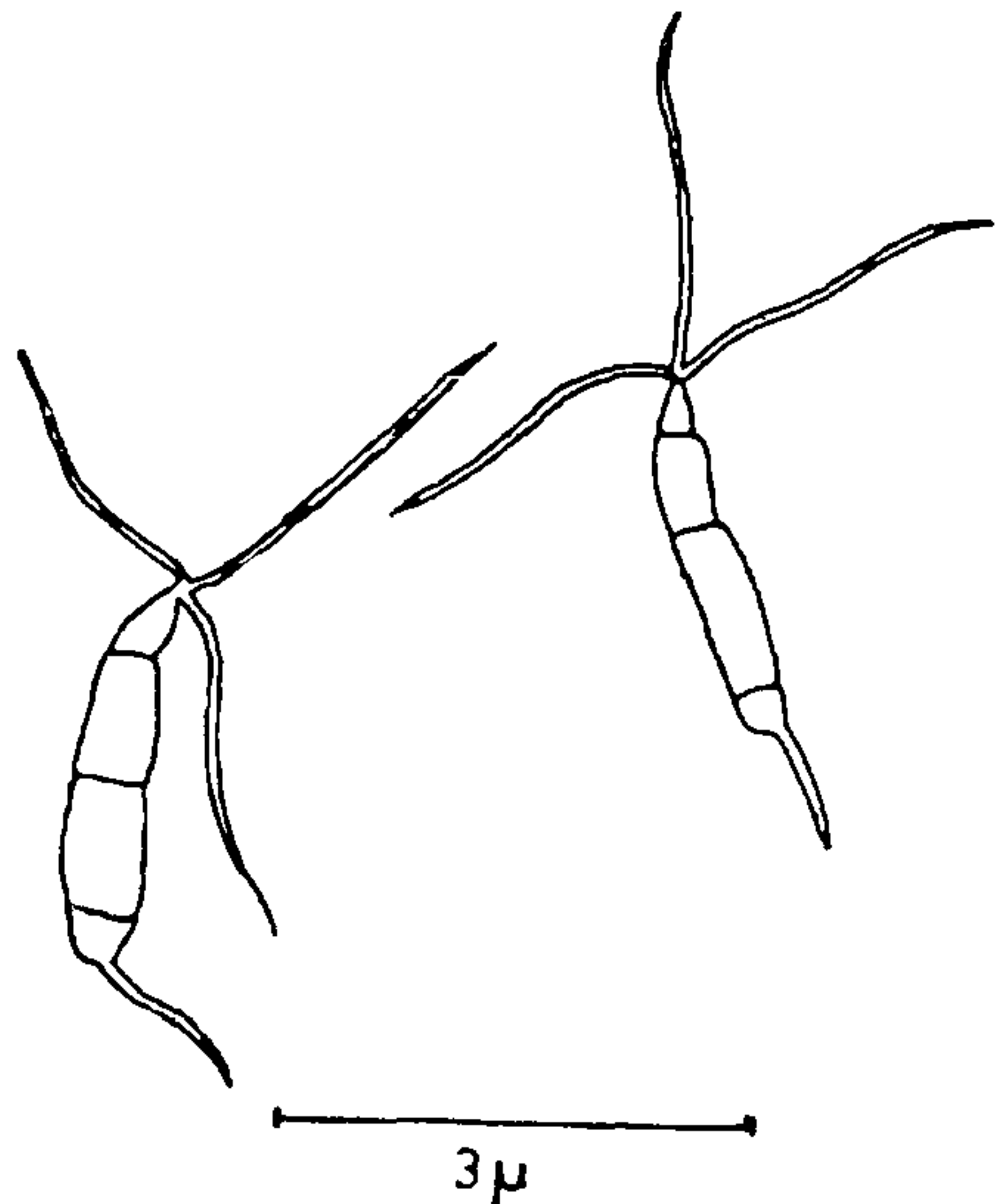


FIG. 1. Conidia of *Bartalinia terricola* sp. nov.

The culture has been deposited at C.M.I., Kew, under number IMI 230563 (Holotype) and also at mycological collection unit, Bangalore University under no. BU30.

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