



Figures 1–5. *Meristacrum asterospermum*: 1. Infected nematode with thalli inside, sticky conidia adhering to its cuticle and conidiophores emerging. 2 & 3. Thalloidic segment inside the nematodes producing conidiophores with spirally coiled tips. 4. Conidiophores with conidia attached at tip region. 5. Conidium germinating to produce secondary conidium $\times 400$.

tion of nematodes is due to sticky nature of conidia which adhere instantly to any part of susceptible nematodes that contact them. Nematodes were observed to be covered with a large number of conidia along with their body and were not rubbed off. After penetrating the host, the germ tube produces swollen body which develops into a stout assimilative hypha. These hyphae were $3.5\text{--}6.2\ \mu\text{m}$ thick, extending lengthwise until all the contents of the nematode are consumed. The thalli break up into regular segments. These segments produced conidiophores which were bent, $50.4\text{--}117.6\ \mu\text{m}$ long, $2.5\text{--}3.5\ \mu\text{m}$ wide at the base and $4.2\text{--}5.5\ \mu\text{m}$ wide at the distal end. Successive cross walls are formed towards spirally coiled sporogenous tip. Three to seven conidia were produced in basipetal succession at the helical part of the conidiophore. Conidia were obovoid, sticky and measuring $5.3\text{--}8.2\ \mu\text{m}$ in diameter. Conidia on the agar surface produced secondary conidium after germination.

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1. Drechsler, C., *J. Wash. Acad. Sci.*, 1940a, **30**, 240.
2. Davidson, J. G. N. and Barron, G. L., *Can. J. Bot.*, 1973a, **51**, 231.
3. McCulloch, J. S., *Trans. Brit. Mycol. Soc.*, 1977, **68**, 173.
4. Barron, G. L., *Can. Biol. Publ. Ltd.*, Ontario, Canada, 1977.

ANNOUNCEMENTS

SIXTH CONVENTION OF INDIAN ASSOCIATION OF SEDIMENTOLOGISTS

The Sixth Convention of the Indian Association of Sedimentologists is scheduled to be held from 21 to 24 October, 1986 at Wadia Institute of Himalayan Geology, Dehra Dun on the theme 'Sedimentation and tectonics in Indian subcontinent' along with a two days field excursion in the Lesser Himalayan Belt of Garhwal region. Abstracts of papers not exceeding

500 words may be submitted by **30 June 1986**. All enquiries should be addressed to Dr R. A. K. Srivastava, Organising Secretary (Convener) VI-Convention, I.A.S., Wadia Institute of Himalayan Geology, Gen. Mahadev Singh Road, Dehra Dun 248 001.