

which disappeared from the haemolymph (figure 2A) while topical administration of the oil of *C. lanceolatus* induced their reappearance (figure 2B). Whereas, most natural and synthetic juvenoids have been shown to possess gonadotropic property, there is only one such report for plant juvenoids<sup>13</sup> and that too is restricted to gross ovarian maturation. In these studies, we have shown that the oil of *C. lanceolatus* restores VG in the haemolymph of allatectomised insects that lacked them. In our earlier paper<sup>14</sup>, we showed several morphogenetic effects of this oil and therefore, the present finding imparts a truly juvenoid status to it.

RLK is thankful to the CSIR for the award of a fellowship.

19 April 1984

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## ANNOUNCEMENT

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### FIRST NATIONAL SYMPOSIUM ON COMPARATIVE ENDOCRINOLOGY OF INVERTEBRATES

The First National Symposium on Comparative Endocrinology of Invertebrates will be held during 24–26 January, 1985, at the Zoology Department, Marathwada University, Aurangabad. The aim of the Symposium is to evaluate the existing scientific knowledge in the field of Comparative Endocrinology of Invertebrates and to identify the needs of research and development in this field.

Topics of the Symposium are: (1) Histology and Histochemistry of Neurosecretory system; (2) Hormonal control of Reproduction—Comparative approach; (3) Mould, Growth and Metamorphosis; (4) Endocrine control of respiration, osmoregulation and metabolism; (5) Physiology of

neurosecretory cells and chemistry of invertebrate hormones.

Those who intend to participate must submit abstract not exceeding 250 words before October 31, 1984.

A registration fee of Rs. 75/- will be charged from each participant to cover conference materials, lunch and refreshments. University Grants Commission, New Delhi, Comparative Endocrine Society of India, Marathwada University, Aurangabad are sponsoring the Symposium.

Further particulars may be had from the Convenor, Prof. R. Nagabhushanam, Department of Zoology, Marathwada University, Aurangabad 431 004.