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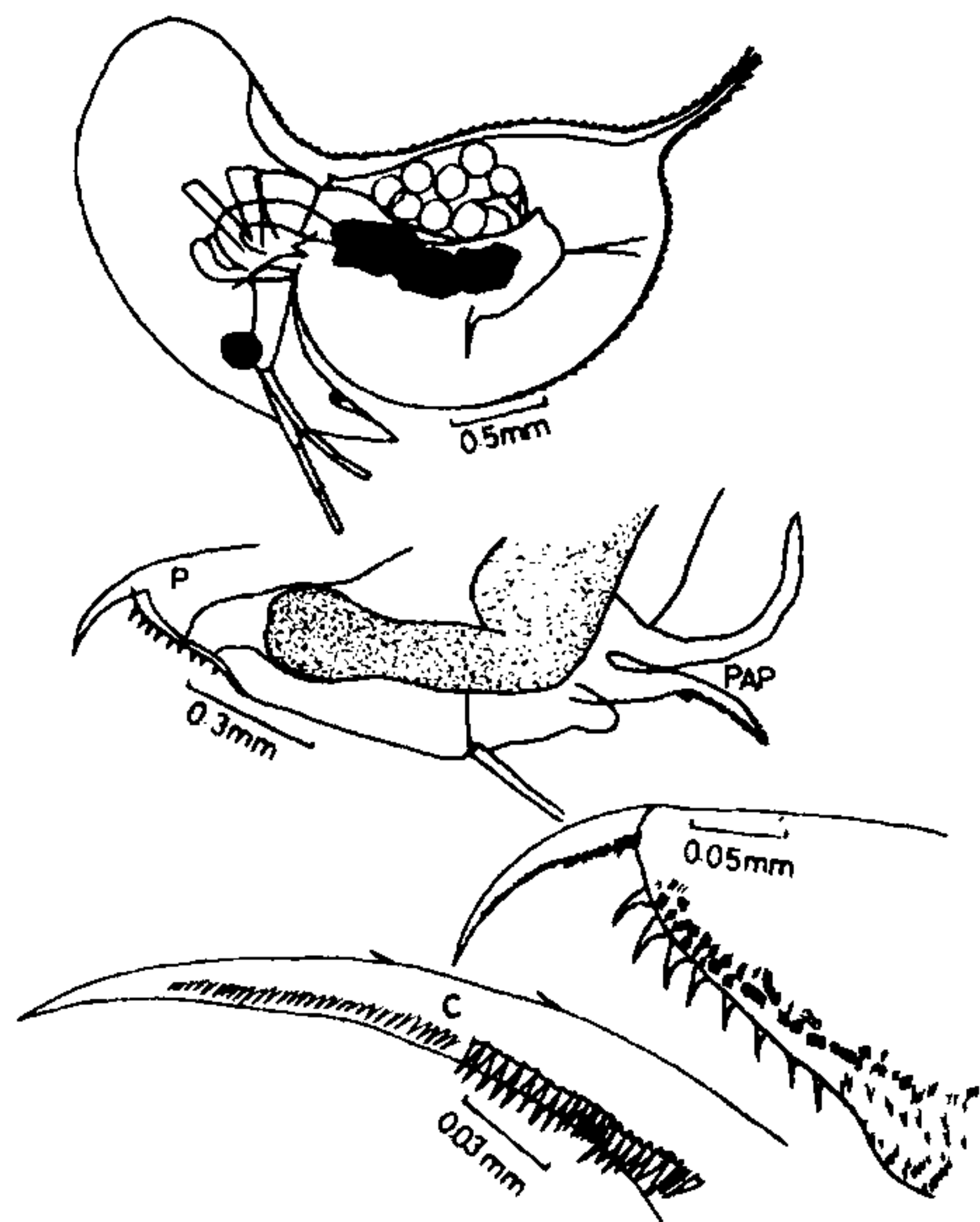


Figure 1. *Daphnia longicephala* female: P—post-abdomen; PAP—postabdominal palp, C—claw.

southern Tamil Nadu (Madurai, Ramnad, Tirunelveli and Kanyakumari districts; Lat.: 8°–11° N), several females of *Daphnia longicephala* Hebert were found. This species was first described from New South Wales, Australia¹. This is the first record of the occurrence of this species in oriental region. A brief description of the material found is presented in this note.

Female body size 4.2 mm ($n = 35$); antero-dorsal cephalic crest present; shape and length of the crest vary; dorsal margin bears a number of well developed spines; rostrum acute, extending along the ventral carapace margin. Eye situated well away from the margin; ocellus often absent, if present very minute. Post-abdomen with 8–12 and spines; claw with 9–10 proximal, 14–16 middle and 28–36 distal pectens.

Michael² and Santharam³ described a *Daphnia* species as *D. cephalata* resembling *D. longicephala* Hebert from a pond near Madurai. The specimens examined in this study agree well with Michael's and Santharam's descriptions. Well-developed antero-dorsal helmet and conspicuous spines on the dorsal margin are distinguishing characters which separates this species from *D. cephalata* (figure 1). However,

DAPHNIA LONGICEPHALA HEBERT 1977 (CRUSTACEA, CLADOCERA)—A NEW RECORD TO THE ORIENTAL REGION.

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WHILE studying the Cladocera of temporary ponds of

Grant and Baily⁴ reported that the present species is only a polymorphic form of *D. carinata*.

KV is grateful to CSIR for the award of SRF.

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ANNOUNCEMENTS

THIRD NATIONAL CONFERENCE ON AGING

Third National Conference on Aging with a special session on 'Brain Aging' will be held on **26-28 November 1986** at University of Hyderabad, Hyderabad.

The Conference is envisaged to create a platform where transdisciplinary aspects of aging (biological,

clinical and socio-psychological) could be discussed by experts in the respective areas. If you think you or any one known to you should participate in this conference, please write to the Convener, Prof. Kalluri Subba Rao, School of Life Sciences, University of Hyderabad, Hyderabad 500 034.

THE FIFTH INTERNATIONAL CONFERENCE ON VALENCE FLUCTUATIONS

V International Conference on Valence Fluctuations will be held at Bangalore (India) during **January 5-9, 1987**. The Conference will focus on various theoretical and experimental aspects related to the Valence Fluctuations in rare earth and actinide intermetallics such as: Narrow band phenomena; dense Kondo systems; Spectroscopies such as L_{III} edge, EXAFS and XPS, Mossbauer, NMR and μ -SR as applied to mixed valent materials, itinerant magnet-

ism; heavy fermion superconductivity (and mechanism there of); ferrni liquid nature of mixed valent materials etc. The Conference will have, invited talks and poster presentations.

For particulars please write to Prof. L. C. Gupta, Conference Secretary, Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Bombay 400 005, India.