

## NEW RECORD OF CONCHOSTRACA (CRUSTACEA) FROM PUNE, MAHARASHTRA

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During a survey of local waterbodies of Pune and nearby areas, some specimens of the order Conchostraca were collected, in August 1999, from a temporary rainwater pool on Alandi Road, Pune (Maharashtra State). There is no lake nearby but a river flows about 5km away from the spot. Examination of this material revealed existence of three species, out of which two species are new records for this region. Ghate and Patil (1995) have already recorded the species *Leptestheriella maduraensis* from Pune. Perusal of literature showed that there is no record of the other two species from Pune District and even from Maharashtra State.

There are a few reports of Conchostraca from different parts of India: such as the works of Baird (1859), Tiwari (1962, 1965, 1966), Nayar and Nair (1968), Nayar (1965), Joseph *et al.* (1992) and Royan and Alfred (1971).

Class: Crustacea  
Sub Class: Branchiopoda  
Order: Conchostraca

### *Eulimnadia michaeli* Nayar & Nair

Material examined: Four females.

Distribution: Madurai, Tamil Nadu (Nayar & Nair, 1968) and Maharashtra (present record).

Remarks: Resembles *Eulimnadia inflecta* Mattox in shape of the shell, nature of telson, dorsal spines and position of the forked filament on the telson. But *E. inflecta* can be easily distinguished by its characteristic, strongly concave, and much inflated nature of the front of the head.

### *Leptestheriella maduraensis* Nayar & Nair (1968)

Material examined: Two females.

Distribution: Madurai, Tamil Nadu (Nayar & Nair, 1968), Andhra Pradesh (Joseph *et al.*, 1992), and Kirkee–Pune and Alandi Road, Pune, Maharashtra (Ghate & Patil, 1995 and present record).

Remarks: Resembles *L. gigas* and *L. inermis* in few characters but differs in nature of shell and rostrum. The present form is having spines and setae on dorsal armature of body segment.

### *Leptestheria jaisalmerensis* Tiwari (1962)

Material examined: Two females.

Distribution: Rajasthan (Tiwari, 1962), Maharashtra (present record).

Remarks: *L. jaisalmerensis* is unique in sculpturing of the shell and structure of the head.

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