

## ON A NEW RECORD OF CONCHOSTRACA (CRUSTACEA) FROM ANDHRA PRADESH

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During the limnological survey of some water bodies of Hyderabad on 9th July 1985, specimens of Conchostraca were observed in a small puddle near Nacharam. Examination of these specimens revealed this species as *Leptestheriella maduraensis* Nayar and Nair. As there was no earlier report of Conchostraca from Andhra Pradesh, occurrence of the present species is a new record to this region.

The puddle is situated at the outskirts of Hyderabad at lat 17° 26' N and long 78° 18' E at 588.3 metres from the main sea level. The total area of the water body is about 5 sq. metres and depth of water varies from 5-15 cms. The bottom of the puddle is of clay and sand on rocky bottom without any vegetation and gets dried up after monsoon. The water was analysed for various physico-chemical parameters and the data provided in table-1.

Table-1. Physico-chemical characteristics of water in the puddle at Nacharam on 9.7.1985.

Water temperature	...	22° C
pH	...	7.9
Dissolved Oxygen	...	5.3 mg/l
Free Carbondioxide	...	Nil
Carbonate	...	22 mg/l
Bicarbonate	...	104 mg/l
Hardness	...	140 mg/l
Chloride	...	36 mg/l

*Leptestheriella maduraensis* was described by Nayar and Nair in 1968 from Narsingapatti, 10 km from Madurai in a small pool at the foot hill of the rocky mountain Yanamalai. The description given by Nayar and Nair agrees well with the present species but the length is slightly more (9.6 mm), telson narrow with 34 unequal spines and the furcal claw with 20 spines.

The authors are grateful to the Director, Zoological Survey of India, Calcutta for facilities to undertake this survey.

## REFERENCE

- Nayar, C.K.G. & Nair, K.K.N. 1968. On a collection of Conchostraca (Crustacea : Branchiopoda) from South India, with the description of two new species. *Hydrobiologia*, **32** : 219-224.