

TITLE: " CYTOGENETIC STUDIES ON TWO SPECIES OF GENUS LABEO  
AND THEIR FERTILE HYBRID"

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&

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Bombay.

ABSTRACT:

Hybrids of fishes have long since been found to exist in nature and are also produced experimentally in various species by ichthyologists on the basis of biological interest as well as practical importance. Genetic studies with special reference to chromosomes on Indian fishes are rather scanty, but there is an increasing awareness of the importance of such studies in recent years.

Karyotypic data on the 2 species of genus Labeo viz. Labeo calbasu, Labeo rohita, and their fertile hybrid are presented. Based on the above results some aspects of the interspecific relationships within the genus are discussed.

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**Third**  
**All India Congress of Cytology and Genetics**

( Sponsored by the Society of Cytologists and Geneticists, India )

Under the auspices of

HARYANA AGRICULTURAL UNIVERSITY, HISSAR

23—27 October, 1978

To,

Dr. A. P. Krishnaja,  
Department of Zoology,  
Institute of Sciences,  
Madam Cama Road,  
Bombay.

Dear Dr. Krishnaja

I have the pleasure of inviting you and your colleagues to participate in the Third All India Congress of Cytology and Genetics to make it a grand success. Kindly favour us with your co-operation and valuable scientific contribution.

Thanking you.

Yours sincerely,

*G. K. Manna*  
15.1.78

( G. K. Manna )

Convener

CONVENER

Prof. G. K. Manna

Head, Department of Zoology,

Kalyani University, P. O. Kalyani, W. Bengal.

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## MEMBERSHIP FEE

**Full**—Rs. 35 for non-members of the Society and Rs. 25 for standing member of the Society.

**Associate**—Rs. 25 for the joint contributor.

## CONTRIBUTION OF PAPERS

All authors should be the members of the Congress. They can contribute *either* only one paper individually *or* two papers jointly excluding the invited one in the symposium, if any.

The **Application Form** appended herewith must reach the Convener duly filled in together with the membership fee on or before the **30th June 1978**.

## TIME LIMIT

1. Ten minutes for presentation of the contributed paper including exposition of slides and 20 minutes for the invited paper in the Symposia.
2. The **ABSTRACT** of the paper, both contributed and invited strictly limited to 200 words [ no charts, tables and references to be included ] must reach the Convener on or before the **15th July, 1978** failing which it will not be possible to include it in the Proceedings.
3. The **MANUSCRIPT** in complete form of a full paper, both contributed and invited, limited to 1000 and 2000 words respectively is to be submitted to the Convener before or during the Congress. Efforts will be made to publish the paper presented at the congress in the Proceedings.

## ACCOMMODATION AND LOCAL SECRETARY

Participants are to send Rs. 15 [couple] or Rs. 10 [Single] to the Local Secretary of the Congress, Prof. J. B. Chowdhury, Head, Department of Genetics, Haryana Agricultural University, Hissar for their specific need of accommodation in the University Campus on or before August 15, 1978. Participants will kindly contact Prof. Chowdhury for arrangements of accommodation, projections, exhibits etc.

## TENTATIVE PROGRAMME

23rd October—Forenoon—Registration

Afternoon—Inauguration.

24th—27th October Reading of papers in different sections and invited lectures in the symposia.

MEMBERSHIP FORM

( This form must reach Prof. Manna before the 30th June, 1978 )

To,

Prof. G. K. Manna

*Convener,*

Second All India Congress of Cytology and Genetics.

Head, Department of Zoology,

Kalyani University,

P. O. Kalyani,

West Bengal.

*Name in Block letters—Prof/Dr./Mr./Mrs./Miss.*

*& Degrees—*

*Complete mailing Address—*

*Category of membership desired—Full/Associate* An amount of Rs. 35/25 being the membership fee is payable by M. O/Bank Draft/Postal order to the "CONVENER, 3rd All India Congress of Cytology and Genetics" and is to be sent to Prof. Manna at the above address.

*Nature of Accommodation required—Single/couple.*

I wish to present one individual/two joint papers listed below, the abstract of which will be sent to the Convener, on or before July 15, 1978 and the manuscript before/during the Congress, October 23-27, 1978.

1. Author/Authors... ..  
Title... ..

2. Author/Authors... ..  
Title... ..

*Dated... ..*

*Signature*

Miss Krishnaja A.P.  
Central Institute of Fisheries  
Education,  
Bombay-58.

To:

Prof. G.K.Manna,  
Head, Department of Zoology,  
Kalyani University,  
Kalyani, West Bengal.

Sir,

As per your talk with Dr. M.S.Rege sometime back when you met him in Bombay, I am sending you herewith the abstract of our paper entitled "Cytogenetic studies on 2 species of genus *Labeo* and their fertile hybrid.

Since Dr. Rege was out of station in connection with the university examination I could not send it to you earlier. I hope to be excused for the delay. I have already sent Rs. 45/- as membership fee by M.O. to Dr. Archana Sharma, Calcutta.

Thanking you and with kind regards,

Yours truly,

(Krishnaja A.P.)

Encl: As above.