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INVESTIGATIONS ON THE RACIAL CHARACTERISTICS AND BIOLOGY OF THE HILSA OF THE HOOGHLY RIVER

by

T. V. R. Pillay*

ABSTRACT

Certain tentative observations on the morphologic characters, blood grouping, fecundity, spawning duration and length-weight relationship of *Hilsa ilisha*, which is being studied by the author with samples from Nawabgunge, Calcutta, Falta and Diamond Harbour on the Hooghly River, are recorded. It is surmised that body height may serve as a distinguishing character of Hilsa stocks.

The appearance of three blood groups and their pattern of distribution in a sample are mentioned. It has been found possible to rear young Hilsa in masonry cisterns. A direct relation between the total weight of the fish and the number of eggs in the ovary was observed. The spawning season is noted to be extended.

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FISH CULTURE IN VIET-NAM

by

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(in French)

ABSTRACT

A brief account is given of the principal features of fish cultural practices employed in Viet-Nam. There are trapping ponds, nursery ponds to rear fry into fingerlings and rearing ponds to obtain marketable fish. Fish culture in paddy fields is also practised.

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ON THE OCCURRENCE OF CHANOS FRY IN INDONESIAN WATERS

by

Hasanuddin Saanin*

ABSTRACT

Reports regarding the breeding season, spawning area and occurrence of fry of Chanos in various regions of Indonesia are given. Some correlation of such factors as wind, rain, sunshine and tide with the abundance of fry is suggested. The conditions of certain associated animals and plants—aquatic as well as shore forms—are also indicated. Available statistics of fry gathered in the different provinces reflect the intensity of collection. Notes are given on the collecting implements, mode of transport and nursery practices. High mortality rate (about 80%) is stated to be an urgent problem in the Indonesian fry ponds.

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