

ISSN 2277 - 5730
AN INTERNATIONAL MULTIDISCIPLINARY
QUARTERLY RESEARCH JOURNAL

AJANTA

Volume - VII

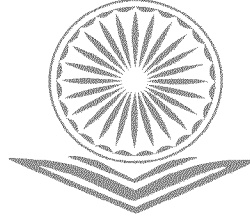
Issue - III

July - September - 2018

English Part - IV / V

**Peer Reviewed Referred
and UGC Listed Journal**

Journal No. 40776



ज्ञान-विज्ञान विमुक्तये

**IMPACT FACTOR / INDEXING
2018 - 5.5**

www.sjifactor.com

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Ajanta Prakashan

Aurangabad. (M.S.)

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Owner, printer & publisher Vinay S. Hatole has printed this journal at Ajanta Computer and Printers, Jaisingpura, University Gate, Aurangabad, also Published the same at Aurangabad.

Printed by

Ajanta Computer, Near University Gate, Jaisingpura, Aurangabad. (M.S.)

Published by :

Ajanta Prakashan, Near University Gate, Jaisingpura, Aurangabad. (M.S.)

Cell No. : 9579260877, 9822620877, Ph.No. : (0240) 2400877

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AJANTA - ISSN 2277 - 5730 - Impact Factor - 5.5 (www.sjifactor.com)



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11. Conservation Status of Freshwater Fishes in the Bindusara River Beed Maharashtra

Syed Jalil Husain

Mohammad Ilyas

Shaikh Feroz

Department of Zoology, Milliya Collage, Beed.

Abstract

The Study was conducted on conservation status of fresh water fishes from the Bindusara river Beed Maharashtra. The Study was carried out for one year during January 2017 to December 2017.

Key words : Conservation Status, Bindusara river, Beed Maharashtra.

Introduction

The River Bindusara is riched with biodiversity lots of fisherman are involved in fish harvesting and depend on this river for their livelihood. This river is renowned for major carps.

Unprecedented species extinctions at global and regional levels have been uncovered through recent studies on biodiversity and its implications for ecosystem Services. Earlier research work have been conducted on the Bindusara river fish diversity. But there is no complete list of existing fish species with updated conservation status. For this reason it is very difficult to understand present status of fishes in the river Bindusara. In depth research work is much needed with updated list of fish species to take necessary management initiatives to conserve the biodiversity of fishes in the river Bindusara. Study of fish fauna from Bindusara project sirsat et.al (2010).

Material and Method

The data and information was collected from fish collections stations from fisher communities living around the reservoir for the Identification of fish species day F-volumes and Taxonomic records from Talwar and Jhingran (1991) were used Johal and Jha (2007) Suggested that periodic faunal surveys must be undertaken so that the loss or gain of fish diversity can be evaluated.

Results and Discussion**Table – 1 List of Fishes Collected from Bindusara River.**

Order	Family	Scientific Name	Conservation Status
Clupciformes	Notopteridae	Notopterus chitala	GI
Cypriniformes	Cyprinidae	Cirrhinus reba	GI
		Puntatus chola	GI
		Puntatus surana	NT
		Puntatus sophore	NT
		Puntatus suphore	NT
		Cyprinus carpio	GI
		Labeo calbasu	GI
		Labeo rohita	GI
		Labeo gonius	GI
		Catla catla	GI
		Cirrhinus mrigala	GI
Siluriformes	Claridae	Clarias batracus	GI
		Wallago attu	GI
		Bagridae	Mystus tengra
Mystus vittatus	NT		
Channiformes	Channidae	Channa gachua	GI
		Channa punctatus	GI
Perciformes	Channididae	Chanda ranga	GI
		Chanda nama	GI
		Glorso giuris	GI
Mastacembeliformes	Mastacembelidae	Armatus guentheri	GI

(GI) Good Indicator

(NT) Near threatened

A total 22 species under 6 orders and 7 families were recorded from the sampling stations. In the present investigation conservation status of Bindusara river show that some species are threatened due to pollution Impact.

The work is supported by number of authors Rahman AKA Freshwater fishes of Bangladesh (1989). Fish diversity and habitat relationship with environmental variables at meghna river Bangladesh (2012). Inland fishes of India and adjacent countries Talwar P.L. (1991). List of Threatened species IVCN (2010).

Conclusion

The present study mainly focuses on fish diversity in the Bindusara river and their present conservation status. The number of species recorded during the study period has shown good indication of rich biodiversity. The threatened fish species recorded from the river indicate the alarming threat to the present conservation stations of fishes.

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