REVIEW OF RESEARCH
IMPACT FACTOR : 5.7631(UIF) UGC APPROVED JOURNAL NO. 48514 ISSN: 2249-894X
VOLUME - 8 | ISSUE - 5 | FEBRUARY - 2019

BIODIVERSITY OF FISHES FROM HANGARGA (NAL) TANK, OSMANABAD (M.S.) INDIA.

M. G. Babare
Arts, Science and Commerce College, Naldurg
Dist. Osmanabad.

ABSTRACT :

The present paper deals with the study of biodiversity of fishes from Hangarga tank Dist. Osmanabad (M.S.) India. The work was carried out during the year 2017(January to December).the water of the tank is mainly used for irrigation, fishery and drinking purposes.

The result shows that the tank contains fishes belonging to 6 orders 10 families and 23 species.

KEYWORDS : *study of biodiversity , irrigation, fishery and drinking purposes.*

INTRODUCTION :

Fishes evolved 300 to 350 million years ago. Fishes present in Marine, brackish and fresh water bodies. The freshwater resources like tanks, dams, lakes contains about 20,000 fish species in world 2179 species in India. Various workers have studied fishes of India like Day(1878), Trivedi and Jayaram (1981), Talwar and Jhingran(1997), Rao (1998) Datta et al (2003), according to Sughnam(1995)total area under tanks in India is 381 million hectare and in Maharashtra 1,79,430 hector area under the tank.

The Hangarga tank is located near Naldurg Dist. Osmanabad. Previously No any worker has worked on this tank to study fish diversity.

MATERIAL AND METHOD

During January to December (2017) fishes were collected from local fish market where the fishes catched in Hangarga tank and are sold in the market. This fishes brought to laboratory for further work of identification. Standard literature was used as Day (1878), Mishra (1959), Srivastava (1984), Datta Munshi and Srivastava (1988) and Talwar and Jhingran (1981).

RESULTS AND DISCUSSION

During the period of investigation following fishes were recorded which belonging to the 06 orders and 10 families. The fishes are shown in table below.

Table No. I

Fish diversity of Hangarga Tank duringJan to December 2017.

Order	Family	Species
Clupiformes	Notopteridae	Notopterus *chitala*
Cypriniformes	Cyprinidae	a) Cyprinus *carpia* b) Barilius *bendalisis* c) Rasbora *daniconus* d) Ambylypharagdon *mola* e) C. *idella* f) P. *sarana* g) P. *tordoni* *h)* P. *sophore* i) P. *ticto* j) Cirranhus *mrigala* k) C. *reba*. l) Catla *catla* m) Labeo *rohita*
	Ballitorinae	a) Label *beta* b) Nemacheilus *botia*
Siluriformes	Bagaridae	Rita *rita*
	Bagarinae	M. *armatus*
	Siluridae	Wallago *attu*
	Claridae	Clarius *batrachus*
Mugiliformes	Mugilidae	Mugil *corsula*
Channiformes	Channidae	Channa *punctatus* C. *morilus*
Perciformes	Gobiidae	Glassogobius *giuris*

ACKNOWLEDGEMENT

The author is thankful to the Balaghat Shikshan Sanstha Naldurg for providing necessary library and laboratory facilities.

REFERENCES

Datta Munshi J.S. And M. P. Shrivastava (1998) Natural History of Fish And Systematics Of Freshwater Fishes Of India, Narendra Publishing House, Delhi.

Day (1978) The fishes of India, William and sons limited, London.

Jairam(1981), revision on the genuspuntius, Hamilton, the Indian region.rec. zoological survey, India orc paper 135..178.

Jhingran V.G. (1975), fish and fisheries of India H.P.C. pre c-74, Okhla industrial area phase 1, New Delhi.

Mishra K.S. (1959), an aid to identification of common commercial fishes of India and Pakistan Rec. inland MNS S7(1-4) pp156.

Pandey A K And G. S Sandhu(1992), Encyclopaedia Of Fishes And Fisheries Of India, Anmol Publications, New Delhi.

Sughnan V.V. (1995), fisheries of India ,R.A.O. Rome I425 ps.

Talwar and Jhingran(1997) inland fishes of India and adjacent countries ,oxford IBH publishing house Co. Pvt. Ltd. New Delhi.