

# Preliminary Study of Fish Fauna in Varandh Dam From Mahad Tehsil, Western Ghats, Maharashtra, India

Lohar Dipali K. and G. B. Raje

Department of Zoology

D. B. J. College, Chiplun, Ratnagiri, Maharashtra, India

drdklohar@gmail.com

**Abstract:** *The fresh water fish fauna of Varandh dam of Mahad Tehsil, Raigad district Western Ghats, Maharashtra was studied for period of one year during July 2020 to June 2021. Varandh dam is perennial aquatic body, which is used for agricultural practices and domestic activities including potability. This was the first systematic study conducted on the fish diversity in Varandh dam. The fishes were identified by referring standard literature (Day, 1981; Jhingram, 1992; Datta Munshi and Srivastava, 2002 and Jayram, 2010). In the present study, 15 species were recorded in the study area. They belong to 4 families and 12 genera. The family Cyprinidae (08 species) was reported to be dominant group followed by family Channidae (03), Siluridae (03) and Clariidae (01 species)*

**Keywords:** Preliminary study, Fish fauna, Varandh dam

## REFERENCES

- [1]. Chaudhari, A.N and Sitre, S.R. 2020. Fish Diversity of Pothara dam of Samudrapur Tehsil in Wardha District, *Int. Res. Journal of Science & Engineering*, Special Issue A7 : 483-487
- [2]. Datta Munshi, J.S. and Srivastava, M.P. 2002. Natural history of fish and systematics of fresh water fishes in India. Narendra publication Co. Delhi.
- [3]. Day, F 1981. The fishes of India Vol.-I & II William Dawson and Sons Ltd. London
- [4]. Jayram, K.C 2010. The freshwater fishes of the Indian region .2<sup>nd</sup> edition Narendra Publication house Delhi pp.616.
- [5]. Jhingram, 1992. Fish and fisheries of India 2<sup>nd</sup> edition Hindustan Publication Corporation New Delhi .
- [6]. Kar, D. A. ,Kumar, C. Bohra and L.K. Sigh, (Eds) 2003. fishes of Barak drainage, Mizoram and Tripura; In: Environment, pollution and management, APH publishing corporation, new Delhi, 604: 203-211.
- [7]. Mittermeier, R.A. and C.G. Mittermeier, 1997. Megadiversity Earth's biologically wealthiest Nation. In McAllister, D.E. A. Lottamilton and B. Harvery (Eds). Global fresh water Biodiversity sea windcemex, Mexico city," pp:1-140.
- [8]. Nagmote, S.R., Nikam, M.T. and M.R. Tandale 2023. Diversity of Fresh Water Fishes from the Khadkurna Reservoir of Maharashtra, India. *Acta Scientific Microbiology* 6.4: 92-97 p.
- [9]. Nirbhavane, A ; S. Bhoje and N. Bahiram. 2021. Fish faunal diversity of Chankapur Dam Kalwan (Nasik District) Maharashtra, India NCMR21 Peer Review Book chapter 116-118p.
- [10]. Telkhade, P.M. and S.H. Jabhule 2017. Fish diversity of Lohaha Lake, Lohara dist- Chandrapur Maharashtra, India. *I J R B A T*, Vol. V, Issue (1):63-65.
- [11]. Ubharhande, S.B and Sonawane, S.R. 2012. Study of freshwater fish fauna and water quality at Paintakli dam from Buldhanadistrict, (M.S) India. *Journal of Experimental Sciences* 2012, 3(7): 04-08 p.
- [12]. Waware, S.K. and R.R. Kamdi, 2018. Fish biodiversity of Saikheda dam wetland area of Lingti village in Kelapur taluka, dist.-Yavatmal (M.S.), India. *I J R B A T*, Issue (VII), Vol. I, 2018: 17-22