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A SURVEY OF FISH FAUNA OF RAPTİ RİVER, BALRAMPUR (U.P.), İNDIA

Sudhakar Prakash ^{(1)*} Ashok Kumar ⁽²⁾ Shri Prakash ⁽³⁾ B.K. Mishra ⁽⁴⁾

⁽¹⁾ Department of Zoology, Shia P. G. College, Lucknow, Uttar Pradesh, India.

⁽²⁾ Department of Zoology, MLK (PG) College, Balrampur, Uttar Pradesh, India.

⁽³⁾ Department of Zoology, Kulbhaskar Ashram PG College, Allahabad, Uttar Pradesh, India.

⁽⁴⁾ Department of Zoology, Deen Dayal Upadhyaya Government Post Graduate College, Saidabad, Allahabad, Uttar Pradesh, India.

* Corresponding author

Abstract

An initial survey was under taken to study the occurrence and diversity of fishes in Rapti River flowing through Balrampur district of Uttar Pradesh, India. The present survey was conducted from January, 2018 to December, 2018 to find out the fish fauna of Rapti River at Balrampur district. A total of 27 species of fishes belonging to 19 genera, 14 families and 7 orders were identified as a preliminary survey and observation. This was the first systematic survey on the fish diversity of this River. Order Siluriformes was found most dominant represented by 10 species, followed by Cypriniformes with 7 species; Perciformes and Ophiocephaliformes with 3 species each; Osteoglossiformes with 2 species while Clupeiformes and Beloniformes with only one species each.

Author Keywords

Cypriniformes, Fish Diversity, Rapti River, Siluriformes

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References (45)

1. Datta Munshi J. and Srivastava S
Natural history of fishes and systematic of freshwater fishes of India

(1988)

2. David A

Studies on fish and fisheries of the Godavari and Krishna river systems

(1963) *Proceeding of the National Academy of Science India, Volume 33, Issue 2, Page No 263-293,*

3. Day F

The fauna of British India including Ceylon and Burma

(1989)

4. IUCN

The IUCN Red List of Threatened Species

(2020)

Article Link: <https://www.iucnredlist.org/>

5. Jadhav B. V., Kharat S.S., Raut R. N., Paingankar M. and Dahanukar N

Freshwater fish fauna of Koyana river, Northern Western Ghats, India

(2011) *Journal of Threatened Taxa, Volume 3, Issue 1, Page No 1449-1455,*

6. Jayaram K.C

The freshwater fishes of the Indian Region

(2010)

7. Kharat S.S., Paingankar M. and Dahanukar N

Freshwater fish fauna of Krishna River at Wai, northern Western Ghats, India

(2012) *Journal of Threatened Taxa, Volume 4, Issue 6, Page No 2644-2652,*

8. Menon A. G. K

The fauna of India and adjacent countries. Pisces 4 (Part-I)

(1992) *Homalopteridae, Zoological Survey of India, Calcutta,*

9. Prakash S

Fish diversity of Semara Taal, a wetland of district Siddharthnagar (U.P.), India

(2020) *International Journal of Fisheries and Aquatic Research, Volume 5, Issue 2, Page No 07-09,*

10. Prakash S

Conservation status of fishes reported from Semara Taal of District Siddharthnagar (U.P.). India

(2020) *International Journal of Fauna and Biological Studies, Volume 7, Issue 3,*

11. Prakash S., Verma A.K. and Prakash S

Limnological Studies of Alwara Lake of Kaushambi (U.P.)

(2015) *International Journal on Biological Sciences, Volume 6, Issue 2, Page No 141-144,*

12. Prakash S., Verma A.K. and Prakash S

Seasonal variation of Zooplankton and Zoobenthos Population in Alwara lake of District Kaushambi (UP) India

(2015) *The Journal of Zoology Studies, Volume 2, Issue 5, Page No 13-16,*

13. Prakash S. and Verma A.K

Studies on different fish genera in Alwara lake of Kaushambi

(2015) *Bioherald: An International Journal of Biodiversity & Environment*, Volume 5, Issue 1-2, Page No 60-62,

14. Prakash S. and Verma A.K

Conservation status of fresh water fishes reported in Alwara Lake of District Kaushambi (U.P.)

(2016) *International Journal of Zoology Studies*, Volume 1, Issue 5, Page No 32-35,

15. Prakash S. and Verma A.K

IUCN Conservation Status of Fishes of Khanwari Pond of District Kaushambi (U.P.)

(2017) *Proceedings of The Zoological Society of India*, Volume 16, Issue 1, Page No 81-84,

16. Prakash S. and Verma A.K

Biodiversity Assessment of Khanwari Pond of District Kaushambi (U.P.)

(2019) *International Journal on Environmental Sciences*, Volume 10, Issue 1, Page No 24-28,

17. Prakash S. and Verma A.K

LengthWeight Relationships and Condition Factors of Fresh Water Fishes of Baghel Taal of Bahraich (U.P.)

(2019) *Journal of Experimental Zoology, India*, Volume 22, Issue 1, Page No 343-345,

18. Prakash S. and Srivastava S

Impact of Climate Change on Biodiversity: An Overview

(2019) *International Journal of Biological Innovations*, Volume 1, Issue 2, Page No 60-65,

19. Sheikh S .R

Studies on Ichthyofaunal diversity of Pranhita river, Sironcha, Dist-Gadchiroli, Maharashtra, India

(2014) *International Journal of Engineering and Applied Sciences*, Volume 1, Issue 5, Page No 144-147,

20. Srivastava Gopalji

Fishes of U.P. and Bihar

(1998)

21. Venugopalan N.M

Ichthyo-Faunal depletion in Mahe river a case study

(2012) *Journal of Advanced Zoology*, Volume 33, Issue 2, Page No 141-144,

22. Verma A.K

Biodiversity: Its Different Levels and Values

(2016) *International Journal on Environmental Sciences*, Volume 7, Issue 2, Page No 143-145,

23. Verma A.K

Hydrobiological Studies of Muntjibpur Pond of Allahabad (U.P.)

(2016) *International Journal on Agricultural Sciences*, Volume 7, Issue 2, Page No 164-166,

24. Verma A.K

Dominancy of Cypriniformes fishes in Alwara Lake of District Kaushambi (U.P.)

(2016) *International Journal on Agricultural Sciences*, Volume 7, Issue 1, Page No 89-91,

25. Verma A.K

Distribution and Conservation Status of Catfishes in Alwara lake of District Kaushambi (U.P.)

(2016) *International Journal on Environmental Sciences*, Volume 7, Issue 1, Page No 72-75,

26. Verma A.K

A Preliminary Survey of Fresh Water Fishes in Muntjibpur Pond of Allahabad (U.P.)

(2016) *Indian Journal of Biology*, Volume 3, Issue 2, Page No 99-101,

27. Verma A.K

Multiple effects of Unsustainable Agriculture

(2017) *International Journal on Agricultural Sciences*, Volume 8, Issue 1, Page No 24-26,

28. Verma A.K

Genetic Diversity as Buffer in Biodiversity

(2017) *Indian Journal of Biology*, Volume 4, Issue 1, Page No 61-63,

29. Verma A.K

Necessity of Ecological Balance for Widespread Biodiversity

(2017) *Indian Journal of Biology*, Volume 4, Issue 2, Page No 158-160,

30. Verma A.K

A study on ichthyodiversity of Muntjibpur Pond of Allahabad (U.P.)

(2017) *Flora and Fauna*, Volume 23, Issue 1, Page No 220-224,

31. Verma A.K

Distribution and Conservation Status of Fishes reported from Muntjibpur Pond of Allahabad (U.P.)

(2017) *International Journal of Scientific World*, Volume 5, Issue 1, Page No 50-53,

32. Verma A.K

Unsustainable Agriculture, Environmental Ethics and Ecological Balance

(2018) *HortFlora Research Spectrum*, Volume 7, Issue 3, Page No 239-241,

33. Verma A.K

Ecological Balance: An Indispensable Need for Human Survival

(2018) *Journal of Experimental Zoology, India*, Volume 21, Issue 1, Page No 407-409,

34. Verma A.K

A Biodiversity Survey of Muntjibpur Pond of District Allahabad (U.P.)

(2018) *International Journal on Environmental Sciences*, Volume 9, Issue 1, Page No 56-59,

35. Verma A.K

Biodiversity of Higher Chordates at Khanwari village of Kaushambi (U.P.)

(2019) *International Journal of Fauna and Biological Studies*, Volume 6, Issue 3, Page No 48-50,

36. Verma A.K

Studies of Hydrobiological Properties of Balapur Pond of Prayagraj (U.P.)

(2019) *Hortflora Research Spectrum*, Volume 8, Issue 1, Page No 9-11,

-
37. Verma A.K
A Study of Fish Distribution in Balapur Pond of Prayagraj (U.P.)
(2019) International Journal on Biological Sciences, Volume 10, Issue 1, Page No 7-10,
-
38. Verma A.K
Conservation status of Anamniotes reported from Balapur Pond of District Prayagraj (U.P.)
(2020) Uttar Pradesh Journal of Zoology, Volume 61, Issue 6, Page No 42-46,
-
39. Verma A.K. and Prakash S
Fish biodiversity of Alwara Lake of District Kaushambi, Uttar Pradesh, India
(2016) Research Journal of Animal, Veterinary and Fishery Sciences, Volume 4, Issue 4, Page No 5-9,
-
40. Verma A.K., Kumar S. and Prakash S
Seasonal Correlation between physico chemical factors and phytoplankton density in Alwara taal of Kaushambi, U. P., India
(2016) International Research Journal of Biological Sciences, Volume 5, Issue 3, Page No 40-45,
-
41. Verma A.K. and Prakash S
Fish Biodiversity of Khanwari Pond of district Kaushambi (U. P.), India
(2017) The Journal of Zoology Studies, Volume 4, Issue 1, Page No 37-40,
-
42. Verma A.K. and Prakash S
Dominancy of Cat fishes in Khanwari Pond of District Kaushambi (U. P.)
(2017) Life Science Bulletin, Volume 14, Issue 1, Page No 85-87,
-
43. Verma A.K. and Prakash S
Qualitative and Quantitative Analysis of Macrozoobenthos of Baghel Taal, A Wetland of U.P
(2018) Indian Journal of Biology, Volume 5, Issue 2, Page No 127-130,
-
44. Verma D.R., Prakash S., Ahmad T. and Singh P
Microzoobenthic invertebrate diversity in Rapti river at Balrampur (U.P.). CIB Tech
(2019) Journal of Zoology, Volume 8, Issue 3, Page No 34-37,
-
45. Verma D.R., Singh U.B. and Prakash S
Bacteriological analysis of water of Rapti River at Balrampur
(2011) Aquaculture, Volume 12, Issue 2, Page No 253-256,
-

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