

Name:	<a href="#"><u>UTTAR PRADESH JOURNAL OF ZOOLOGY</u></a>
Manuscript Number:	<b>Ms_UPJOZ_4552</b>
Title of the Manuscript:	<b>ASSESSMENT OF ICHTHYOFAUNAL DIVERSITY AND PHYSICOCHEMICAL PARAMETERS IN BHADAR-II RESERVOIR, GUJARAT</b>
Type of the Article	<b>Research article</b>

**PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	The study effectively combines ichthyofaunal diversity with physicochemical parameters, offering a holistic view of the Bhadar-II reservoir's ecosystem. The paper utilizes established scientific methods for water quality assessment and fish diversity analysis (e.g., Shannon-Wiener Diversity Index, Pielou's Evenness Index). The inclusion of figures, tables, and species lists ensures clarity and aids in data interpretation.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>Exploring Ichthyofaunal Diversity and Water Quality in the Bhadar-II Reservoir, Gujarat.</b>	

<p><b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>	<p>The abstract effectively summarizes the study's objectives, methodology, key findings, and implications.</p>	
<p><b>Is the manuscript scientifically, correct? Please write here.</b></p>	<ol style="list-style-type: none"> <li>1. Species diversity and richness were highest during the winter season, as reflected by the Shannon-Wiener Index (1.776 to 2.546), Pielou's Evenness Index (0.8080 to 0.8880), and Margalef Richness Index (1.278 to 2.477). Why? Other seasons fish diversity was declined ???</li> <li>2. While basic indices are presented, more robust statistical methods (e.g., ANOVA, regression analysis) could enhance the validity of the conclusions.</li> <li>3. Highlight how the findings contribute to the conservation and sustainable management of the Bhadar-II reservoir.</li> <li>4. The findings are detailed, but the focus on seasonal variations in diversity indices and water quality could be highlighted more clearly.</li> </ol>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>ok</p>	

Is the language/English quality of the article suitable for scholarly communications?	ok	
<b><u>Optional/General</u></b> comments		

## **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

## **Reviewer Details:**

Name:	<b>R. Azhagu Raj</b>
Department, University & Country	<b>St. Xaviers College, India</b>