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| Name: | [**UTTAR PRADESH JOURNAL OF ZOOLOGY**](http://www.mbimph.com/journal/1) |
| Manuscript Number: | **Ms\_UPJOZ\_4764** |
| Title of the Manuscript: | Dynamics of Mosquito Populations in Natural and Artificial Phytotelmata from Southern West Bengal, India |
| Type of the Article | Original Research Article |

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| **PART 1: Comments** | | |
|  | **Reviewer’s comment**  **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors*  *should write his/her feedback here)* |
| **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.** | The manuscript is a valuable study examining mosquito diversity in Phytotelmata ecosystems of West Bengal, India and their importance in disease transmission. This work needs to be revised for publication in accordance with scientific standards. | Agreed with the reviewer comments, and the present work mainly focuses on the abandoned portions of neighbouring ecosystem of human settlements, which are used as a very important mosquito breeding niches, and definitely promote the disease transmission to the adjacent area of the study sites. Different types of phytotelma, both artificial and natural, may be useful for future works including the altered breeding habitats and population ecology of the different mosquitoes. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | NO  I suggest an alternative tittle “Dynamics of Mosquito Populations in Natural and Artificial Phytotelmata from Southern West Bengal, India” However, authors may give anothers | Agreed with the reviewer’s suggestion. and include the suggested title in the revised manuscript. |
| **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.** | It is appropriate | It is appropriate, no need of addition or deletion |
| **Is the manuscript scientifically, correct? Please write here.** | YES | Yes, and agreed with the reviewer and corrected with the necessary changes. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them**  **in the review form.** | No  The references are old. The latest one is from 2016. However, there are more up-to-date references on this subject. Up-to-date references should be added as well. Genus/ Species name must be Italic in whole text. Journals name should be same format abbreviated or full. | Some updated references are included. |

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| **Is the language/English quality of the article suitable for scholarly communications?** | It should be reviewed | Checked and corrected as necessary. |
| **Optional/al** comments | Although it is an important study, there are issues that need to be improved.   1. There are many spelling errors in the text. These should be corrected carefully 2. The species diversity, density, evenness, and relative abundance calculation methods for the Shannon-Weiner index should be explained in the Materials and Methods section. 3. Whether the sampling method is random or systematic should be explained. 4. The statistical significance of the results should be demonstrated 5. In the discussion section, comparisons should be made with similar studies conducted in tropical regions using references from recent years | All the suggested issues of the reviewer’s corrected with a good care in the revised manuscript. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should*  *write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in detail)*  NO | Not Applicable |