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| Book Name: | [**Research Perspective on Biological Science**](https://www.bookpi.org/bookstore/product/research-perspective-on-biological-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5209** |
| Title of the Manuscript: | **Impact of Malathion Toxicity on Acetyl Choline Esterase Activity in ‘Carassius auratus’ (Linnaeus, 1758) and Botia striata (Narayan Rao, 1920)** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Uttar Pradesh Journal of Zoology, Volume 46, Issue 6, Page 96-107, 2025.**

**DOI: 10.56557/upjoz/2025/v46i64848**

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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.** | I have throughly gone through The current research study paper” Impact of Malathion Toxicity on Acetyl Choline Esterase Activity in ‘*Carassius auratus*’ (Linnaeus, 1758) and *Botia striata* (Narayan Rao, 1920)” this research plays a vital role in the protection of aquatic health. Malthion, an Organophospahte is most widely used pesticide in India. This chemical is generally apllied in Agriculture for getting more yield. But due to run off it is also impacts the non target organisms like fish. Fish health becoming hazardous due to these pesticides. Consumption of these chemically effected fish also dangerous to man kind. Several researches discovered the toxicological effects of Malathion. Particularly the AChe enzyme activity stunted due to the pesticides. It is a neurotransmitter. Pesticides impacts the several tissues of fish. Hence the current research study may show a path way to the further researchers to innovate the biopesticides and hence the protection of aquatic ecosystem can occur. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| 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. | **Yes** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/General comments | This paper is truly nicely written. The graphs were well drawn. Anova tests were performed good. Infact this is a good research. |  |

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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)* |  |

**Reviewer details:**

**M.Venkateswara Rao, India**