

Review Form 1.7

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| Journal Name: | Asian Journal of Biochemistry, Genetics and Molecular Biology |
| Manuscript Number: | Original Manuscript_AJBGMB_117865 |
| Title of the Manuscript: | Genetic stock characterization of freshwater fishes using various molecular markers for the conservation management concerns in the Indian riverine ecology with emphasis <i>Ompok bimaculatus</i> |
| Type of the Article | |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajbgmb.com/index.php/AJBGMB/editorial-policy>)

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PART 1: Review Comments

| | Reviewer's comment | Author's comment (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) |
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| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>It should be important but it was not written by properly.</p> <p>It is not suitable. It should be as “Genetic stock characterization of freshwater fishes using various molecular markers for the conservation management concerns in the Indian riverine ecology” The author mentioned as “This paper provides an overview of the various molecular markers that have been used by scientists to study population structure and genetic variation. Ompok bimaculatus is a fast growing fish which is good market demand.”</p> <p>But overall MS, it is not emphasized for this species. No.</p> <p>May be, but it should be hard working as written as article or review article.</p> <p>Yes.</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>No.</p> | |
| <p>Optional/General comments</p> | <p>The author should become aware of which problem is discussed or mentioned, Structure of the article should be well organized. For example,</p> <p>1. Taxonomic Validation using Truss analysis is not related to the molecular analyses of fish species.</p> <p>2. DNA studies for example, mtDNA and nuclear DNA markers sequence studies should be indicated separately in different sub structure of the REVIEW articles.</p> <p>3. Evaluation of Genetic Diversity substructure should not be used.</p> <p>4. I think you organised text, by mtDNA and NUC DNA part of studies of fish and then You should mentioned Some appropriate statistical TESTS should be used for molecular analyses.</p> <p>1. phylogenetic studies, 2. AMOVA analyses 3. Haplotype network 4. Nucleotide diversities haplotype diversities.</p> <p>For microsatellites nucDNA, you mentioned other tests, heterozygosity tests and others not used for mtDNA.</p> <p>Figures and tables were not appropriate for the text.</p> | |

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PART 2:

| | Reviewer's comment | Author's comment (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) |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|---|
| Name: | Aslı Şalcıoğlu |
| Department, University & Country | Bogazici University Institute of Environmental Sciences, Turkiye |