

## ***Interactive comment on “Freshwater fish fauna of rivers in the southern Western Ghats, India” by Anbu Aravazhi Arunkumar and Arunachalam Manimekalan***

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### Reviewer Comments and Author Responses

Comment 1: The reviewer has requested to avoid repetition in the abstract. Response 1: Based on the reviewer comments, the repetition has been removed in the abstract and the revised manuscript has been uploaded in the portal.

Comment 2: The reviewer has requested to update the introduction. Response 2: Yes the corrections has been incorporated in the manuscript as per the reviewer comment.

Comment 3: Lines 39, 40. The reviewer has requested to avoid repetition Response

C1

3: The repetitions has been removed in the manuscript.

Comment 4: Line 72. The reviewer has requested to maintain year wise sequence i.e. Talwar & Jhingran (1991), Menon (1992) etc. Response 4: Yes the necessary corrections has been incorporated in the manuscript as per the reviewer comment.

Comment 5: Lines 81. The reviewer has requested to make the necessary corrections in the sentence. Response 5: The correction has been carried out in the manuscript.

Comment 6: Line 93. The reviewer has requested to add the SPSS software version used. Response 6: The SPSS software version has been included in the manuscript.

Comment 7: Lines 87. The reviewer has requested to change the heading from interpretive analysis to Analysis. Response 7: As per the reviewer request the heading has been changed from interpretive analysis to analysis. Comment 8: Line 89. The reviewer has suggested that diversity involve comparison across species and sites. No need to repeat again. Response 8: The necessary changes has been made in the manuscript. Comment 9: Line 95 to 100. The reviewer has advocated to remove this 2.4 section. As a researcher it is assumed that this has been done already and it is Redundant. Response 9: As per the reviewer request the necessary changes has been made in the manuscript. Comment 10: Line 103 to 114. Repetition. Either remove or briefly mention in Method section. Response 10: As per the reviewer request the details has been removed from the manuscript.

Comment 11: Lines 119 to 154. Need to rewrite this whole section. Divide this as: Briefly mention species rich sites in each studied river system. After analyzing richness and abundance with habitat and water quality parameters, write that result here. Focus on writing key results. Site wise results might be useful in discussion section. Under Result section you need to write crisp and clear in quantifiable manner.

Response 11: As per the reviewer request the whole section has been changed in the manuscript.

C2

Comment 12: Line 158. The Reviewer has requested to check the scientific name *Danio neilgherriensis*.

Response 12: The scientific name for *Danio neilgherriensis* has been changed to *Devatio neilgherriensis*.

Comment 13: Lines 180 to 185. Rephrase some of these sentences or remove.

Response 13: As per the reviewer request the details has been removed from the manuscript.

Comment 14: Line 199. Smith (year)? Some parts can go into Introduction. But pls follow recent literature

Response 14: Year has been added in the manuscript and the latest literature has been added.

Comment 15: Line 223. No results were shown to support this argument.

Response 15: Based on the reviewer comments, the results were expressed for supporting the statement.

Comment 16: Line 237 to 239. The authors are gratefully... and Provide region, state and country name.

Response 16: The region, state and country name has been provided in the manuscript.

Comment 17: The reviewer has requested to provide succinct captions for the tables and figures.

Response 17: Succinct captions has been provided for the tables and figures and the spelling for the species names has been corrected in the manuscript.

Please also note the supplement to this comment:

<https://www.earth-syst-sci-data-discuss.net/essd-2017-118/essd-2017-118-AC3->

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supplement.pdf

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Interactive comment on Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2017-118>, 2017.

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