

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

Anonymous Referee #2

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General comments:

The paper is an important contribution on Indian fish fauna. However, the current version severely lack the required scientific vigor, need through copy editing the entire text. I have provided substantial comments which might benefit authors to improve this paper. I have marked by comments wherever possible, highlighted repeated text, missing year (reference in the text).

Specific comments:

This paper lack coherent structure and flow. It does not mention anywhere clearly its research questions or objectives and study design. What is the sampling unit? Authors

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need to cite and refer recent advances made in the field of stream ecology in India and other tropical regions on stream fish ecology. Anthropogenic pressure is very broad term, it needs to spell out clearly in the study context. Conclusion made in the paper is vague.

Analysis: Diversity analysis described is not incomplete. Fish diversity can effectively be assessed in terms of data collected on measured stream habitat variables and water quality and make subsequent inference/s. Further it needs to elaborate in greater detail in the discussion section. Too many table and figures. Common mistakes in species names. Some species names are incorrect. Very old references, missing proper reference sequence. I have highlighted in both the text as well as in the reference section.

Please also note the supplement to this comment:

<https://www.earth-syst-sci-data-discuss.net/essd-2017-118/essd-2017-118-RC2-supplement.pdf>

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