

Review of: "Estimating the Fish Stocks of Six Commercial Species in the Middle Madeira River, Southwest Amazon"

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Potential competing interests: No potential competing interests to declare.

Reviewer comments

Title of the article: "Estimating the Fish Stocks of Six Commercial Species in the Middle Madeira River, Southwest Amazon".

Hereby, I have provided specific comments about my concerns regarding novelty and the importance of this study as they arise in the manuscript. If the authors revise the manuscript as per the reviewer's comments and suggestions, then the research paper may be accepted after significant modification and correction for publication.

My submissions to the authors are as follows:

Introduction:

- Suggest improving the introduction with more focus on the riverine fisheries and resources of the water body.
- Please provide information about the current status of Amazon fish stocks (respective studied species), production, and population parameters.
- In light of general comments, re-organize the objectives concerning results and mention them in the introduction section.
- Give the full name of the species and all other analysis names at the time of the first mention.

Materials and Methods:

- The details of the sampling site (GPS coordinates) and site description details should be given under the study area description, and the authors may add the land use pattern of sampling sites for understanding the ecology, and add a study area map for a clear view for the readers.
- Statistical validation is required for the population parameters and catchability of the population.

Results and Discussion:

- The result of all the parameters should be mentioned and a detailed description of each table and figure should be addressed.
- According to which analysis, less than 7% of Amazon stocks are now being explored?
- This 7% exploration rate is an average of all stocks or individual ones. Confusion creating here.

- Effort measurement and unit are lacking.
- The discussion part needs to focus on justifying the present result and also provide the reason for the deviation of the current results from other studies, if any.
- The author discusses *P. punticfer* stock status in the discussion but does not provide any results for this species throughout the manuscripts.
- Since there are more previous studies on Amazon fish taken place, I suggest authors add explanatory variables (e.g. intensity of pressure, season, etc) to Justify your work
- The discussion part needs to focus on justifying the present result and also provide the

reason for the deviation of the current results from other studies.