

Review of: "Reef Fish in the Vitória-Trindade Seamount Chain of the Southwestern Atlantic: Biogeographical Corridors and Impact of Fishing"

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Potential competing interests: No potential competing interests to declare.

Dear authors, congratulations on the article. As a geologist, I will propose constructive notes on this topic. As a Portuguese speaker, I am not able to evaluate the English standard of writing, but I can tell I understood the manuscript and the proposed revision article.

I would suggest having a look at the SCUFN Sub-Committee on Undersea Features Names, which has several discriminations over the subject - Vitória-Trindade is a RIDGE, not a chain. Moreover, on figure 1, I would recommend downloading the map from the Brazilian Navy LEPLAC program, which has updated the seamount, banks, and guyot names - for example, Davis is not a seamount, it is a bank, and so on.

ABSTRACT

Third line - I would say: (...) including seamounts, banks, guyots, and the Trindade Island.

Thirteenth line - Abrolhos is known as the Abrolhos Magmatic Province (Maia et al., 2023 - <https://www.sciencedirect.com/science/article/pii/S0895981122003613>). If you refer to the entire Abrolhos Complex, I would suggest this update into the newest article related to this region (for evaluation).

INTRODUCTION

Third paragraph - seamount ridges - not chains

Seventh paragraph - "Among other management options, the adoption of marine protection areas or reserves has been suggested as a viable solution for the management and conservation of reef fish (Russ, 2001; Brasil, 2007)." I think it could be already considered the new zones such as the Columbia, Martin Vaz, and Trindade conservation zones (MONA - "monumento natural").

Figure 1 - revise names. Second paragraph below figure 1 - RIDGE, not CHAIN. Abrolhos Magmatic Province, not Abrolhos CHAIN. Submarine RIDGES, not CHAINS.

SUGGESTION - REVISE all CHAIN names and replace by RIDGE.

Evidence of commercial fishing impact - size structure

I suggest using the hyphen in the Abrolhos-Trindade Complex to denote a newly formed name to exemplify the fishery-studied region.

Discussion change for DISCUSSIONS

Change CHAIN to RIDGE because they represent different physiographic marine buildings.

If you have further questions, do not hesitate to contact me, if you wish:

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I also would suggest, after publishing, sending this paper to the PROTRINDADE program, as they can rise arguments to further create a wider protection area. The Commander-in-Chief now is Captain Paulo Ohara.

Best regards,