*17th July 2023*

Dear Prof Carvalho,

We wish to submit our revised manuscript “**Trophic distribution of nutrient production in coral reef fisheries**”to be considered for publication as an article in *Proceedings B*.

We have improved the manuscript in response to helpful comments from the associate editor and two reviewers. This feedback is greatly appreciated. Our revised manuscript includes:

1. New introductory paragraph placing the study in context of large-scale ecological analyses, as requested by associate editor (L39-55)
2. New discussion paragraph addressing **R1**’s concerns about limitations of scaling snapshot underwater surveys to dynamic processes such as biomass production. This section and the Methods also notes statistical validation of these approaches, and growing use to understand trophic dynamics in coral reef science. (L138, L153, L491-402)
3. Clarification on all minor comments from **R2**, as detailed in the response to reviewer document.

We have also revised the abstract to make our findings more accessible to a broad audience.

We believe the manuscript is much improved, and suitable for publication. Our manuscript main text is now ~8,000 words (including references) and 3 figures, and is not under consideration elsewhere.

Yours sincerely,

**Dr James PW Robinson**

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