31 May 2022

*Oecologia Australis*

Dra. Camila dos Santos de Barros, Editor

Dear Editor,

I am pleased to submit our research article entitled “A test of semelparity in the marsupial *Marmosops incanus* (Didelphimorphia, Didelphidae) long-term population monitoring”, by Priscilla Lóra Zangrandi, Maja Kajin and Marcus Vinícius Vieira for possible publication in the special issue on the long-term ecological research on small mammals at Garrafão (Guapimirim, RJ) at *Oecologia Australis* as an original research paper.

In this paper, we detected a pattern consistent with the semelparous strategy for a population of the marsupial *Marmosops incanus*. We evaluated survival and recapture probabilities of individuals using 11 years of population study in the locality of Garrafão and found that, while the recapture rates were high for both males and females, the survival rates were high before the reproduction season and declined continually over the months until the population disappearance. We strongly believe that this study will be of interest to the international audience of *Oecologia Australis* since it confirms this extreme life-history strategy for a didelphid species while there are still few studies investigating this rare phenomenon.

We declare that all authors have seen and approved the submitted manuscript. All authors also agree that the article will only be published upon payment of the cost of the manuscript according to the value indicated on the *Oecologia* *Australis* page. The study strictly followed all ethical procedures and has not been submitted to any other journal for publication.

Here is the list of five independent referees:

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We thank you for your attention and look forward to hearing from you at your convenience regarding the publication of our manuscript.

Yours sincerely,





Priscilla Lóra Zangrandi Maja Kajin Marcus Vinícius Vieira