

**Editors-in-Chief:**

Macapá-AP, may 16<sup>th</sup>, 2022

We are pleased to submit the original paper entitled “Demography of pracuuba tree (*Mora paraensis* Ducke Ducke) in the estuarine floodplain of the Amazon River” for publication in *Oecological australis*.

*Mora paraensis* is a dominant tree species, prior to most timber extraction, in the Amazon River estuary forests. This broadens the possibilities of structuring management practices that may potentiate economic exploitation of the species, which is of interest to the timber industry. Our paper examines the demographic rates over 5 years of *Mora paraensis* populations in areas situated in a distance gradient in relation to the north Amazon River channel. Our key findings are that although the abundance of *Mora paraensis* trees has been greater in areas near the Amazon River, most parameters assessed were similar between populations. In general, populations near and distant to the Amazon River exhibited increasing population growth rates in all sampling intervals and the survival of *Mora paraensis* populations showed a strong dependence on size of individuals. The proximity of the north Amazon River channel favors an increase in the number of pracuúba individuals, demonstrating that this population has greater fitness than the one far from the influence of the river.

In sum, we present a robust dataset and a manuscript that provides sufficient novelty to engage the interest of a broad readership interested in the population ecology of plants. We therefore feel that *Oecological australis* is an ideal outlet for disseminating this information and hope you will consider it for review.

We declare that the data presented are original and precise, that all of the authors participated in the work in a substantial way, and that they are prepared to assume public responsibility for its content. The study forms part of a doctoral thesis.

Here are the specific contributions of each author:

Zenaide Palheta Miranda - data collection in the field, data analysis and main editor of the article, which is one of the chapters of his doctoral thesis.



Marcelino Carneiro Guedes - work planning, collecting and analyzing data and reviewing the manuscript. Advisor of thesis work and project leader to which the work is linked.



Rita de Cássia Quitete Portela and Rodrigo Zucaratto- analysis and discussion of the results.

Yours sincerely,



Dr<sup>a</sup>. Zenaide Palheta Miranda