Dear Editors,

We present our manuscript "*Seeing is not the only thing it needs: how limnological variables influence a visual predator in an invasive river-floodplain system*" for consideration in the special issue “PELD: Long-Term Ecological Research in Brazil” of **Oecologia Australis**. We assure that the present manuscript has not yet been published or submitted for publication elsewhere.

We investigate how the water transparency and others limnological variables influences the occurrence and abundance of the invasive species *Cichla kelberi* in the Paraná River floodplain. Our results provide important insights on the main environmental drivers of the establishment process of *C. kelberi* in the upper Paraná River floodplain. It was possible to observe that the variables explaining the presence of the species in the floodplain are not necessarily those that regulate its population density. Furthermore, it seems that the natural dynamics of this river-floodplain system (*i.e.*, hydrological cycles) and its high environmental heterogeneity (*i.e.*, presence of lentic and lotic environments) were fundamental for keeping at lower values the abundance of this invasive species. Although the floodplain inevitably suffers from anthropogenic impacts, our findings suggest that the maintenance of some natural features of the system provides some resistance to prevent the outspread of invasive species. We believe that our work is innovative and presents results that provide insights into the invasion process of *Cichla kelberi* in Paraná River floodplain. In addition, it is noteworthy that the long sampling period was essential to identify patterns between environmental fluctuations and population dynamics of the invasive species.

We believe that this special issue of **Oecologia Australis** is an excellent venue for our manuscript because it will highlight the long-term data analyzed.

All authors agree with the entire content expressed in the manuscript and we declare no conflict of interest. We hope that our manuscript is in accordance with the level of this journal and we are available for any clarifications.

With our best wishes,

A. C. Rodrigues and authors.