

Review of: "Listening to the Bats of Carajás: Applied Bioacoustics for Species Inventory and Environmental Use in a Mosaic of Forests, Savannas, and Industrial Mining in the Brazilian Amazonia"

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Potential competing interests: No potential competing interests to declare.

The work is of relevance because it is a valuable contribution to the inventory of bats in the Carajás National Park, which hosts a high richness of bats but, in turn, presents intense mining activity that could be detrimental to this group of organisms, especially those that share with mining activity the use of caves. At the same time, it helps to understand the use of different environments, including environments with and without mining, which is extremely relevant since environmental licenses depend in part on their impact on fauna.

The work clearly states the knowledge gap to which it wishes to contribute and its relevance. Exhaustive sampling has been carried out in the area, covering different environments, both natural and those present or planned for future mining activity. With this study, the bat richness significantly increases in the Carajás region. From the results, we can see the importance of implementing acoustic methods. Now, although the bioacoustic method is useful, especially for families that are difficult to capture, families such as Phyllostomidae are poorly represented with this method, as they find and discuss. I would add to the discussion that it would be necessary to complement the capture and acoustic approaches to achieve a more complete inventory, especially considering that mining licenses may depend on bat inventories.

In my opinion, the paper can be accepted with minor changes. I am enclosing the paper and supplementary material with minor corrections, especially grammatical and formatting corrections.