

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.

This article is very interesting, and the topic discussed is current.

What criteria were used to choose the 61 points where bats were inventoried in Carajás?

The maps in Figure 1 are unclear. Is it necessary to present: A) detail of Mina Igarapé Bahia; B) detail of Mina Norte; and C) detail of Mina Sul? In the text, you have not mentioned these details.

In my humble opinion, a well-developed and well-labeled map would be better than a satellite image.

In this sentence: 'In 2021, we sampled 35 sites, with species richness ranging from 3 to 17 species per site; in 2022, 51 sites were sampled and richness varied from 3 to 12 species per point; in 2023, we sampled 46 sites, with species richness ranging between 2 and 18 per site', what is the link with the 61 points where bats were inventoried?

You say that: 'Sampling at the FNC was carried out in 10 environments', but in Table 2, you have presented observed and estimated bat species richness in only 07 environments: why?