

Review of: "Study of four families of the suborder Brachycera (Insecta: Diptera)"

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Potential competing interests: No potential competing interests to declare.

Dear Author,

This is a paper that can be accepted with some changes. The sections treated under each family must be unified to achieve coherence (e.g., introduction, diagnosis, biology, taxonomy and distribution, or only distribution). The same, if possible, when citing each study and mentioning a little more about the results. You should organize your discussion, following the same structure as the results section, and highlight the most significant results.

These are some punctual suggestions and comments for improvement: In section **4.2. Study 2**

Paragraph 4: The Shannon-Weaver index does not measure diversity; rather, it measures entropy. However, it is important to note that there are other indices that estimate diversity.

In section **10.2, Study 2**

The study carried out by Gomes et al. (2023), where two new species are described and new distribution records in Mexico are presented, could complement the study carried out by Chamé-Vázquez et al. (2022).

Gomes, L.R.P., Sepúlveda T.A. & Pedraza-Lara C. 2023. Neriidae (Diptera:Schizophora) from Mexco: new species, new records and an identification key. Zootaxa, 5264(1): 27-16. doi: 10.11646/zootaxa.5264.1.2.

I hope these suggestions are of help.