

# Review of: "Diversity of the Ulidiidae Family (Insecta: Diptera)"

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**Potential competing interests:** No potential competing interests to declare.

- The study "Diversity of the Ulidiidae Family (Insecta: Diptera)" aims to describe the Ulidiidae family based on a bibliographic review of articles present in the collection of the Coordination for the Improvement of Higher Education Personnel. Although the proposal of a bibliographic review for the group is valid, and can bring important discussions, as well as direction for future studies, the study proposed here does not bring new information and is unoriginal. Few literature studies are presented (although the group is well studied) and there is no clarity about the criteria for choosing these studies. Information about the morphology, biology and diversity of Ulidiidae are very well described in books such as the "Manual of Central American Diptera vol 2" (Brown et al. 2010) and "Manual of Nearctic Diptera vol. 2" (McAlpine, 1987).

- There is no agreement between the title and the objective of the study (diversity X description). In fact, there is very little about the diversity of this family in the text. Furthermore, the purpose of the study is unclear: what exactly is the author trying to describe? Morphology, biology, ecology...?

- There are serious problems in the spelling of taxonomic names, with non-existent names such as "Utilidae" and "Ottidae".

Some suggestions to improve this study are: correct spelling errors in taxonomic names; better define the objective; review studies from a specific geographic region (e.g. Neotropical; South America; Brazil); describe the methodology clearly, delimiting the selection criteria of the studies considered in the review; discuss the most recent studies, presenting criticisms and proposals for future studies.