

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

Kawtar Kettani

Potential competing interests: No potential competing interests to declare.

This paper deals with an overview of the family Ulidiidae (Insecta : Diptera). The study gives a summary of its main morphological faetures, its bioecology, its life cycle, its damage caused as a pest and its taxonomy.

The methodology used in this work was based on a bibliographic search of scientific articles, thesis banks, university dissertations, scientific journals, documents and websites, in which the main criterion was focused on the articles dealing with the subject.

This article has mainly focused on the pest aspect and has mostly addressed the damage caused by the immature stages of these flies while highlighting the various species of Ulidiidae responsible for the damage caused, the way in which the larvae of these flies attack particular plants and the kinds of crops specifically targeted by this group of insects, i.e. maize ears and carrots.

A substantial contribution to this synthesis study concerned four case studies that show in the field the specific pest species and their ways of destroying corn ears that have a harmful effect on agricultural yields and on the agroindustry.

However, some inconsistancy was spotted going through the manuscrit. I quote below the most important ones:

- When a genus is cited for the first time in the text, the author of this genus should be added ;
- Many species are not written in italic ;
- The caption of some images is not indicated ;
- When many genera are provided, they should be ordered within alphabetical order or even with systematical order (p : 17). Idem for species when many are quoted in the text ;
- « Fabricius » should be removed from the title of Figure 26 ;
- Many inconsistencies are spotted with the scientific names which should be in italic whereas the authors should not be (Fig. 27, 29, ...);
- Number of figures in brackets in the last line of page 22 should be corrected (Figures 28-29) ;
- Lack of coherency between the different parts of the text.