

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_129008
Title of the Manuscript:	Enhancing the Trapping of Melon Fruit Fly, <i>Zeugodacus cucurbitae</i> Coquillette through Synergizing the Odour and Visual Cues
Type of the Article	

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PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</p>		
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>		
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>		
<p>Is the manuscript scientifically, correct? Please write here.</p>		
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>		
<p>Is the language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>	<p>Through the melon fly, it is a question of biological control to find alternatives to pesticides that affect components of the Biosphere-society system. In this article, the authors clearly decipher the ethology of this fly by exploring its chromatic and olfactory attraction. Indeed, what is already effective in the literature, the chromatic contrasts of the environment direct insects with regard to the fruits that they can invest for nutritional needs. In this very interesting work, it is highlighted, with the help of the study of the melon fly, a selective strategy of insects to feed and reproduce. To this physical factor, the attraction to the yellow color in particular, is added the olfaction which singularizes the exploration of ecological niches even in an agrosystem. Finally, knowledge of the ecology of this insect through its behavior is necessary to emphasize the natural means of pest control that by their potentiation indicate processes of loss of ecosystem resilience. The study is well conducted and this in all aspects of the proposed subject. The sections are explicit and are very logical. This work is quite innovative and must be continued with other insects in other crop systems. Organic farming for healthier food even for large-scale production could be based on this scientific knowledge that will surely improve by taking into account other descriptors.</p> <p>This article must be published with minor modifications because it lacks bibliographic references</p>	

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PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Philippe Leopold Joseph
Department, University & Country	Universite des Antilles, French West Indies