

### Review Form 3

Journal Name:	<a href="#">Annual Research &amp; Review in Biology</a>
Manuscript Number:	Ms_ARRB_128314
Title of the Manuscript:	Biological activity of the extracts of <i>Capsicum annuum</i> and <i>Strophanthus hispidus</i> on the development of fruit flies ( <i>Bactrocera dorsalis</i> ) from egg to emergence
Type of the Article	Original Research Article

#### **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>
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.	We can use botanical as alternative for chemical insecticide. This methodology is highly useful for organic farmers.	
Is the title of the article suitable? (If not please suggest an alternative title)	No, this title is not suitable for this article. Author studied the biological activity of botanicals only on egg and pupal stage. If possible, please change the title as  <b>Biological Activity of <i>Capsicum annuum</i> and <i>Strophanthus hispidus</i> Extracts on the Developmental Stages of Mango Fruit Fly <i>Bactrocera dorsalis</i> (Egg and Pupa).</b>	
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.	Remove <i>Ceratitis cosyra</i> from the abstract, because study dealt with only <i>B. dorsalis</i> in this article.	
Is the manuscript scientifically, correct? Please write here.	I have read this manuscript and feel that all the sections of the article should be carefully revised.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Author should add some references in the methodology part. Add some recent references	

### Review Form 3

<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Language should be improved before acceptance	
<b>Optional/General</b> comments	<ol style="list-style-type: none"> <li>1. English (syntax, grammar and style) must be improved before the manuscript can be considered any further.</li> <li>2. Give common name for <i>Capsicum annum</i> and <i>Strophantus hispidus</i> in the introduction part.</li> <li>3. In introduction part, at 1<sup>st</sup> sentence of 2<sup>nd</sup> paragraph mention what are all those two fruit flies</li> <li>4. Give the methodology for plant extract in a sequenced manner. In the manuscript methodology starts with Fractioning of the total extracts obtained with hexane. Instead of that give the procedure for hexane, ethyl acetate, and methanol extract of botanicals first, then followed by fractioning procedure.</li> <li>5. In the methodology part, for <i>C. annum</i>, procedure for fractioning of total extract of hexane and ethyl acetate only given and for <i>S. hispidus</i> only fractioning of methanol extract was given. Weather author used hexane and ethyl acetate for <i>C. annum</i> and methanol alone for <i>S. hispidus</i> total extract or author used all the three solvents for total extract of both botanicals. If author used all the three solvents for both the botanicals, give the fractioning procedure in a common way.</li> <li>6. In preparation of nutrient medium for biological activity test author mentioned addition of 8 organic extract on that 6 extracts are not used in this study.</li> <li>7. Add the reference in the methodology part.</li> <li>8. Noo need to give Figure 2 and 3, it is already explained in a methodology part. Either give those methodology in a paragraph manner or in figure format.</li> <li>9. All scientific name wants to be checked once</li> <li>10. In result part author studied only the biological activity of hexanic extract fraction on egg and pupal stages of <i>B. dorsalis</i>. Author should add results for biological activity of all the three solvent extraction of both botanicals</li> </ol>	

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### **Reviewer Details:**

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Department, University & Country	<b>Tamil Nadu Agricultural University, India</b>