

Review Form 1.7

Journal Name:	Journal of Applied Life Sciences International
Manuscript Number:	Ms_JALSI_112171
Title of the Manuscript:	Insecticidal potential of essential oils of leaves of Eucalyptus citriodora Hook and Hyptis suaveolens (L.) Poit against Malaria mosquito (Anopheles gambiae Giles)
Type of the Article	

PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>yes</p>	
<p>Optional/General comments</p>	<p>The anti-mosquito properties of Eucalyptus essential oil are known... See my observations</p> <p>1. I saw that the author worked on the two oils separately, he could have designed the mixtures to check if there was no interaction;</p> <p>2. I wonder if an ethanol extraction only gives essential oil, because it is a polar solvent, I think we need to change the title. Say for example "ethanolic extract" instead of essential oil.</p> <p>3. The author did not specify the rotary steam separation conditions.</p> <p>4. I don't really see the relationship between the toxicological tests and the chemical analyses carried out. It is true that the author explained that in the literature it is said that the identified compounds have insecticidal properties. If the author had carried out guided bioassays, he could have identified the most active group and focused his future research on this group with a view to identifying the main active principle either by isolating it or by studying synergism with pure molecules. commercial. This would open up the prospects for developing mosquito repellents based on the extract studied.</p> <p>5. In the introduction, the author justified the choice of the mosquito by various consequences, but did not do so for the choice of the two species of Eucalyptus.</p>	

[Review Form 1.7](#)

PART 2:

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

Reviewer Details:

Name:	Mikolo Bertin
Department, University & Country	Marien Ngouabi University, Congo