



SDI Review Form 1.6

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_48797
Title of the Manuscript:	Allelopathic Potential of Artemisia herba-alba on Germination and Seedling growth of Raphanus sativus and Trigonella foenum-graecum
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	<ol style="list-style-type: none"> 1. The topic should read evaluation of the allelopathic potential of <i>Artemisia herba-alba</i> on germination and seedling growth of <i>Raphanus sativus</i> and <i>Trigonella foenum-graecum</i>. 2. The common names of <i>Artemisia herba-alba</i>, <i>Raphanus sativus</i> and <i>Trigonella foenum-graecum</i> should be written beside their scientific names in the topic and in the body of the manuscript to enhance understanding. 3. The abstract should be in single line spacing. 4. The abstract is devoid of the materials and methods. Please, write a brief methodology in the abstract. 5. The results in the abstract are devoid of figures. Please state the results with supporting figures in the abstract. 6. The introduction is too long. Reduce it to one page only. 7. After preparing the aqueous extract of <i>Artemisia</i> –herba-alba in the materials and methods, the next subtitle should be preparation of extract concentrations. 8. You need to explain in details (step by step procedure) how you came about the different concentrations of 20%, 40% and 80%. 9. The next subtitle should be treatment of seeds with plant extracts. You need to explain in details (step by step procedure) how the seeds were treated with the extracts. 10. There is no experimental design for the experiment and this has made the whole experiment confusing. Please, bring out the factors of the experiment and treatment combinations to enhance understanding of the experimental layout. 11. Explain in detail how germination percentage, plumule, radical length, relative reduction or stimulation of seed germination and radical length as affected by the allelopathic substance was calculated stating the respective formula in each case where applicable. 12. Please, insert the Tables at appropriate points in the results section. 13. The results in the tables are wrongly presented. This is a factorial experiment. You are suppose to have main effect of extract and study plants on parameters evaluated and also the interaction effect of extract and study plants on the parameters evaluated on all the days of the study. 14. Make compulsory grammatical corrections in the entire manuscript. 15. Arrange the manuscript according to journal specifications. 	



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<u>Minor</u> REVISION comments	The manuscript is poorly arranged. Please, dedicate more time to the manuscript to enhance clarity.	
<u>Optional/General</u> comments	This research was poorly done. Authors need to adhere strictly to the suggestions to add value to the manuscript.	

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:	<i>Liamngee Kator</i>
Department, University & Country	<i>Benue State University, Nigeria</i>