



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_24541
Title of the Manuscript:	Antimicrobial activity and allelopathic potential of <i>Zygophyllum coccineum</i> L. on <i>Chenopodium album</i> L.
Type of the Article	Original research papers:

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)
<u>Compulsory</u> REVISION comments	1) The paper show important results but need better structured and further discussion 2) The paper has lower relevant because is a work with extract and not with an isolated molecule. To gauge antimicrobial activity for plants extracts is so far to biotechnological application. 3) No statistics analysis were used to determined the difference significative in the effect between gram + and gram – bacterias and for germination studies. 4) The research was not deeply about the molecule responsible for the antimicrobial activity and the mechanism involved. 5) There is no cytotoxicity studies about the plant extract to gauge the possible application in human health 6) The reduction in radical lenthg is significative? Is it possible to compare between the regions? 7) The conclusion litthe explore the objectives of the study.	I believe that the structure of the results is enough and complete and it does not need any further discussion. In the future we can do more analysis. It is enough to use standard error and we compared the results of antimicrobial with the results observed for the standard antibiotics which are well known. In the future we can do more analysis for illustrating the molecules responsible for antimicrobial activity. Now we are studying the cytotoxicity of the Zygophyllum extracts. However the results will be in another paper. I believe it is significant and it is possible to compare between regions of growth We revised the conclusion



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<u>Minor</u> REVISION comments	1) It was forgotten to mention the plant from desert region	
<u>Optional/General</u> comments		