



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_19231
Title of the Manuscript:	Acclimation of Teucrium polium plants to seasonal variations by alterations in the activities of antioxidant enzymes and protein accumulation
Type of the Article	Original Research 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	The manuscript represents a basic study of the effect of environmental stress on antioxidative enzymes, chlorophyll <i>a,b</i>, and total protein content in medicinal plant <i>Teucrium polium</i> native to Arabian Peninsula. The data are presented clearly in the form of two tables and two figures, the experimental data have appropriate statistical evaluation, and clear conclusions are driven. I have only formal comemnts on the manuscript: Chlorophyll <i>a</i>, chlorphyll <i>b</i> - the letters "<i>a</i>" and "<i>b</i>" should be written in italics. Add a comma "," before and after the word "respectively" throughout the whole manuscript. In contrast, remove comma after the word "Althopugh" at the beginning of a new sentence throughout the whole manuscript. Correct a few typing mistakes throughout the manuscript - Abstract, line 10: "<i>Teucrium polium</i>" (not "<i>polim</i>") Line 55: Write "...and POX further detoxifies H₂O₂ into water and oxygen [10]." Line 82: Write „surface-adhered soil particles“ with a hyphen „-“ Line 109: Insert a sapce between the number and the corresponding unit in „15,000 g“ Line 158: Insert a comma after teh word „furthermore“	



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	Line 162: Use the word „lowest“ in „lowest enzyme activity „ (not „least enzyme activity“) Line 139: Use a passive form of the verb „are reflected“ in the sentence „...may lead to chilling injuries that are reflected in the form of chlorosis...“ Line 169: Write „Temperature-induced oxidative stress“ with a hyphen „-“ Line 174: Insert a comma after teh words „During highest temperature in August,...“ Line 191: Remove „the“ before „November“, i.e., write „during November“ Line 204: Use the verb „counteract“ or „cope with“ instead of „counter“ in the sentence „Efficiency of plants to counteract)cope with) abiotic stress-induced oxidative stress“ Line 208: Remove „at“ in teh sentence „reaching teh lowest levels“ Line 211: Add a proper punctuation to teh sentence „To cope with stress-induced oxidative stress,...“ Line 218: Add a semicolon „;“ before teh word „however“ and add a comma after the words „at later stages of low temeprature stress,...“ Conclusion, line 249: Modify the sentence as follows: „...it can be concluded that temperature in November was found better than in August to ensure proper growth and development of <i>T. polium</i> plants.“	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

Reviewer Details:

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