

Review Form 3

Journal Name:	Asian Journal of Research in Agriculture and Forestry
Manuscript Number:	Ms_AJRAF_121864
Title of the Manuscript:	Study on sex determination and variation in gender expression of individual trees in a population of Cedrusdeodara (Roxb.) G. Don.
Type of the Article	Original Research Article

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PART 1: Review Comments

<u>Compulsory</u> REVISION 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>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>I find this manuscript interesting because: It provides new knowledge in the field of ecology. It provides information on the changes in the reproductive processes of the Deodara Cedar, as a survival mechanism in the face of the effects of the environment. It is a reference to delve into this topic.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title of the article could be modified by: Study on variation in gender expression of individual trees in a population of Cedrusdeodara (Roxb.) G. Don.</p>	
<p>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.</p>	<p>I think the summary is quite clear.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>The article does not present the information that would allow an in-depth evaluation of the results. The Tables referred to in the manuscript are missing. In Figure 2, inconsistencies in the information are detected, particularly reflected in the height of the bars corresponding to the frequency of gender changes from 2015 to 2016. The heterogeneity in the gender changes of cedars from one year to the next, which would be reflected in the tables not presented, must be statistically evaluated. I consider that the propensity of cedars in their reproductive behavior, in terms of favoring the monoecious category, should be substantiated by a statistical test, for this I suggest applying the Mc. Nemar test of the significance of the changes, since they are related samples. Additionally, I think it would be a very useful contribution to measure the influence of the region and the weather (years 2014 to 2015), as well as to the extent possible, incorporate other environmental factors defined by physicochemical characteristics of the soils of the regions, to determine their effects on gender change, for example using a loglinear model.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>I consider that references are sufficient.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>I think the quality of the language used in the article is adequate.</p>	
<p><u>Optional/General</u> comments</p>	<p>In my opinion, the findings require a greater scientific foundation, using statistical techniques.</p>	

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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:

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