

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_108990</b>
Title of the Manuscript:	<b>Genetic divergence between half-sib families under greenhouse environment in Kadamb (<i>Neolamarckia cadamba</i>)</b>
Type of the Article	<b>Original Research Article</b>

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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)
<p><b><u>Compulsory</u> REVISION comments</b></p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<ul style="list-style-type: none"> <li>• Kadamb (<i>Neolamarkia cadamba</i>) is a treasured and rapidly growing tree in South Asia. The tree grows swiftly and is idyllic for rejuvenation in watersheds and degraded regions, as well as windbreaks in agroforestry systems.</li> <li>• It is mostly used to make pulp for low- and medium-quality paper.</li> <li>• <b>Additionally, the earlier findings revealed that</b> decoction of the leaves is used to treat aphthae or stomatitis, ulcers, and wounds</li> <li>• Yes, the title of the manuscript is appropriate enough.</li> <li>• Yes, the abstract written is comprehensive.</li> <li>• Yes, they are appropriate enough inscribing various significant aspects. The presentation of the Abstract, Introduction, Materials and Methods, Results and Discussion and Conclusion are adequately good.</li> <li>• In addition, the observations have been concisely documented in Tabular forms.</li> <li>• The widespread geographical distribution of the species displays that there should be an extensive range of genetic variability in <i>Neolamarckia cadamba</i> that ought to be identified and analyzed.</li> <li>• The prior research opined that the assessment of genetic diversity is dynamic for tree improvement. Moreover, the acquaintance of genetic divergence in tree species is of supreme importance for any breeding programme.</li> <li>• The chief goal of genetic variation study is to categorize different population into similar groups for the conservation purpose or to be used in future breeding and improvement programmes.</li> <li>• The references cited are adequate and recent enough.</li> </ul>	
<p><b><u>Minor</u> REVISION comments</b></p>	<ul style="list-style-type: none"> <li>• Abstract, 2<sup>nd</sup> line-<b>twenty-half</b> – add a hyphen.</li> <li>• Abstract, 7<sup>th</sup> line: <b>characteristics</b>-replace th word.</li> </ul>	

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<b>1. Is language/English quality of the article suitable for scholarly communications?</b>	<ul style="list-style-type: none"><li>• Abstract, 9<sup>th</sup> line: between <b>clusters</b>- fix the agreement mistake.</li><li>• Pg. no.3, 4<sup>th</sup> line: different <b>populations</b>- Fix the agreement mistake.</li><li>• Pg.no.8, 6<sup>th</sup> line: Therefore, <b>the</b> selection of- add an article.</li> <li>• The usage of the English language is appropriate and aptly suitable for scholarly communications.</li></ul>	
<b>Optional/General</b> comments	<ul style="list-style-type: none"><li>• In the present investigation, an attempt was made to ascertain the magnitude of genetic diversity among the plus tree species of <i>Neolamarckia cadamba</i> using D<sup>2</sup> analysis and to identify the stable and diverse genotypes for <i>Neolamarckia cadamba</i> tree improvement programme.</li><li>• Overall, the manuscript has been succinctly authored and notable.</li></ul>	

### PART 2:

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

### Reviewer Details:

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