

Review Form 3

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Journal Name:	Asian Journal of Biotechnology and Bioresource Technology
Manuscript Number:	Ms_AJB2T_122916
Title of the Manuscript:	Genetic diversity study on <i>Pseudarthria. viscida</i> (L.) Wight & Arnott, a threatened medicinal plant in India using SSR markers
Type of the Article	

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<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>In this study, SSR markers were used to study the genetic diversity of <i>Pseudarthria viscida</i> in a small area. The overall structure of the manuscript is clear and the results of the research can be trusted. But there are many details that need to be improved.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>There is an error in the name of the species in the title, and "<i>Pseudarthria. viscida (L.)</i>" should be changed to "<i>Pseudarthria viscida (L.)</i>". Similar errors in species names are prevalent throughout the manuscript.</p> <p>In the main text, the species name should be used in full for the first time and abbreviated for the second and subsequent times. For example, first appearance: <i>Pseudarthria viscida</i>, other appearance: <i>P. viscida</i>. The author's manuscript is almost promiscuous and may have been copied from references. Please check and change it thoroughly</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>It is suggested that genetic structure analysis be added and then reflected in the abstract.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Additional analysis of genetic structure is needed to further observe the genetic composition of different samples. Add corresponding statements in the Methods, Results, and Discussion sections respectively.</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>It is technically reliable because SSRs are widely used in genetic diversity studies, but I think the results can be presented better, as mentioned above.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>=</p>	<p>The references did not cite the latest research findings. In addition to citing outdated and classic literature on topics such as methods, software, and history, the remaining parts should cite more recently published literature.</p> <p>As far as I know, <i>P. viscida</i> is not the only species described by the authors in South Asia. The latest report shows a new species named <i>P. panii</i> in Yunnan, China, <i>P. Viscida</i> is widely distributed in Southeast Asia. References:Zhang R, Yi TS, Pan B. <i>Pseudarthria panii</i> Fabaceae: Desmodieae), a new species from Asia, 120 years after its first collection. Phytotaxa, 367, 265–274. https://www.biotaxa.org/Phytotaxa/article/view/phytotaxa.367.3.6)</p> <p>The method of SSR analysis can be referred to: Hu, G.; Jiang, Q.; Wang, Z. Genetic Diversity Analysis and Core Collection Construction of the <i>Actinidia chinensis</i> Complex (Kiwifruit) Based on SSR Markers. Agronomy 2022, 12, 3078. (https://doi.org/10.3390/agronomy12123078)</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Minor modifications are sufficient, but attention must be paid to the usage of proper nouns.</p>	
<p><u>Optional/General</u> comments</p>	<p>As mentioned above.</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>	

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