

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_126316
Title of the Manuscript:	Improvement of seed germination and seedling growth of African rosewood (<i>Pterocarpus erinaceus</i> Poir) by seed pretreatment, seedling substrate and growing medium
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

Compulsory 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>
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.	The study provides insights into effective methods to enhance seed germination and seedling growth. These practices can help in reforestation efforts and the conservation of African rosewood, which is essential for maintaining biodiversity and ecosystem health. By improving seedling establishment, this research supports large-scale restoration initiatives, which are critical in regions where African rosewood is native. This has implications for biodiversity, soil health, and water cycles, contributing to the overall resilience of forest ecosystems. Understanding which pre-treatment, substrate, and growing medium work best for African rosewood can inform nurseries and foresters, allowing for more efficient propagation and growth. This can make forest plantations more sustainable and cost-effective.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes title is according to manuscript	
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.	Not required	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The manuscript on improving seed germination and seedling growth of <i>Pterocarpus erinaceus</i> (African rosewood) has significant importance for the scientific community, particularly in fields such as forestry, conservation, and sustainable agriculture. African rosewood is a valuable tree species, heavily exploited for its high-quality timber, which has led to overharvesting and endangerment. African rosewood is highly valuable for timber and non-timber forest products. Improving its propagation ensures a sustainable supply, which is economically beneficial for communities reliant on forest resources and the timber industry. This also reduces the pressure on natural forests by facilitating plantation-based production. The manuscript adds to the broader knowledge base of plant physiology, particularly germination and early seedling growth. This information can be useful for studying other similar endangered tree species, providing a template for conservation and propagation strategies.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Not required	
Minor REVISION comments	Yes language is clear and illusive	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

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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