



SDI Review Form 1.6

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_33497
Title of the Manuscript:	Pollen characterization of Rhizophora species in Nigeria
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 needs a thorough edit by a native English speaker. Authors need to review the similarities with the texts listed in section PART 2. The work needs a review and rewrite the methodology. As well as improvements in the text of the results and discussion. Introduction: Review the second paragraph. It is very long and there is no reference in the last sentences. Consider updating references. It deals comprehensively with the importance of the species to Nigeria, but it does not make clear the usefulness of the information of the pollen morphology for the conservation of this <i>Rhizophora</i> species. What is the real need for the pollen characterization of <i>Rhizophora</i> species? What is the botanical family of <i>Rhizophora</i>? Objective: not consistent. Review. Suggestion: The objective of the study is to characterize <i>Rhizophora</i> pollen found in areas of Nigeria mangroves for possible identification of species occurring in the region. For this, the authors used palinotaxonomy as a tool to separate the probable botanical species.	Corrected Corrected Corrected Corrected



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	It is advisable to collect and systematically identify the plants studied. Methodology: It is very lacking in information. Restricted to sampling point information. How was the collection of the pollen samples collected? Explain how the samples were prepared. Did you use Erdtman's method (1952 or 1960)? How did you prepare the blades with pollen content? What kind of microscope and camera did you use to capture the images? What software used to measure pollen types? How many pollen grains were used for morphometric measurements? Results: Improve the text, present the results in a descriptive way. The authors put the tables without further information to facilitate the reader's understanding. In the plates who are the pollen of group 1 ... 5 did not explain in methodology. The legend is not self-explanatory In table 2 we do not know if the description of the grain belongs to group 1 ... 5. Does the genus <i>Rhizophora</i> have many species? Table 3 should be included in the results section. Discussion: Very confusing.	Corrected Corrected
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Minor REVISION comments	Why the characterization of the <i>Rhizophora</i> species through the pollen grain? It would be interesting to collect the plants and make systematic identification of the species. Check the writing of the name <i>Rhizophora</i> , because it is not highlighted in the text (italics) in some paragraphs. Make clear the relevance and usefulness of this information obtained.	
Optional/General comments	Please clarify the Plagiarism: Authors need to review the similarities with the texts listed below. <u>Landsat Enables World's Most Comprehensive Mangrove</u> ... Found text: Mangrove forests are among the most productive Url: https://landsat.gsfc.nasa.gov/landsat-enables-worlds-most-comprehensive-mangrove-assessment/ 7/1/1/2 - In: Plagium MS - Status: Unavailable - Nível: 13.9% <u>Marine Bio Continued - Marine ecosystems are among the largest of ...</u> Found text: Mangrove forests are among the most productive Url: https://www.coursehero.com/file/8757980/Marine-Bio-Continued/ 7/1/1/4 - In: Plagium MS - Status: Unavailable - Nível: 13.2% <u>Marine ecosystem - Wikipedia</u> Found text: Mangrove forests are among the most productive Url: https://en.wikipedia.org/wiki/Marine_ecosystem 7/1/1/1 - In: Plagium MS - Status: Unavailable - Nível: 14.6%	Corrected Corrected