

Review Form 1.6

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_75976
Title of the Manuscript:	DIVERSITY AND SEASONAL DYNAMICS OF ARTHROPODS IN OKOMU FOREST RESERVE
Type of the Article	CASE STUDY

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:

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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		
Minor REVISION comments	<p>Data Collection According to the authors, the research was carried out between February 2020 (dry season) and September 2020 (wet season) (rainy season). The focus of the paper is the dry and rainy seasons. It is therefore critical that the authors provide the average monthly rainfall, temperature, and humidity for both seasons, so that the reader understands what the authors mean when they talk about rainy season and dry season. The data available may not even show that there is a distinct seasonal variation. As a result, it is critical to provide such information.</p> <p>Results How many insects were caught flying, on trees, and on the ground? Could seasonality have an impact on them as well? How do they differ in terms of numbers, and what could have caused this? If there is data to back it up, I believe it is worth investigating. It would have been an intriguing discovery. Lines 4 and 5 of page 5 appear to present the same data as page 8, line 2-4, but there are differences in Okomu Rubber Plantation, which "has the least 46 arthropod species abundance during dry season." Check for correction, but if they are presenting the same information about abundance, avoid repetition. The presentation to table 3 must be rewritten. This section, I believe, attempts to assess whether different land uses have an impact on species diversity and abundance, and then compares the results across different land uses. Unfortunately, the way it is presented does not clearly convey these findings and must be revised.</p> <p>Discussion The first paragraph of this section simply summarized the findings of other studies that discovered physical and structural complexity of the environment, habitat, and diversity of vegetation forms all contribute to species diversity and richness. Unfortunately, the author did not elaborate on how his work fits into this assertion. This is due to the fact that, while there was significant diversity at Okomu National Park, there were no significant differences in species abundance among all the 3 regimes, 2 of which were pure stands. To conduct such a comparative analysis, you must first discuss your own findings before being able to place them within the context of the literature. This has to be worked on On the second paragraph, author's findings found Hymenoptera to be the most dominant order, whereas Naman et al., 2019 did not find it to be the most dominant, so if you want to compare these results, you must rephrase this section to read that "these species have been found by other authors to be among the dominant order of species found in Kaduna State University forest habitat". This section is for you to discuss your results, but in the last paragraph, the author has no results to discuss on where he's trending with his discussion. If he wants to compare the two seasons, the author should have demonstrated in his results section what accounted for the differences in species abundance, and then he could have discussed it with literature, but as it stands now, it appears to be smuggled into it. I believe the discussion could be enriched by examining how different management regimes/land use bring different perspectives to the diversity and abundance of species.</p>	

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	How have different canopy structures, planting distances, openings, and plant species diversity influenced the dynamics observed during the study. This could be well highlighted to bring out the novelty of the work.	
Optional/General comments	The topic is relevant and presents interesting findings. However, I have a few reservations towards the manuscript in its current form, which I have discussed subsequently. This article is publishable but not in its current form since there are some minor corrections to be made which purely bothers of the discussion section of the paper.	

PART 2:

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

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>

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