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| Book Name: | [**Research Perspective on Biological Science**](https://www.bookpi.org/bookstore/product/research-perspective-on-biological-science-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5936** |
| Title of the Manuscript: | **Floral Resources of key Afromontane Tree Species Predict Sunbird Distribution and Abundance in Ngel Nyaki Forest, Taraba State- Nigeria** |
| Type of the Article | **Book Chapter** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Greener Journal of Biological Sciences, 11(2): 81-92, 2021.**

**Available:** [**https://www.gjournals.org/2021/10/10/100521099-nsor-et-al/**](https://www.gjournals.org/2021/10/10/100521099-nsor-et-al/)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **The manuscript has ecological significance, especially in understanding the species diversity of birds, which are important climate indicators. It also borders on the habitat of these bird species, which would contribute to their distribution as well. The study was conducted in an understudied area, and I must commend the author for the work put in.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title would be improved as it is currently not very clear. A few suggestions below:**   1. **Floral Resource Availability of Key Afromontane Trees as Predictors of Sunbird Distribution and Abundance in Ngel Nyaki Forest, Nigeria.** 2. **Linking Floral Resource Patterns of Afromontane Trees to Sunbird Distribution and Abundance in Ngel Nyaki Forest, Nigeria.** |  |
| 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. | **The abstract would require a review, as some of the sentences are not very clear.**  **Suggestion: “Background: Species diversity is an important indicator of ecosystem productivity and trophic structure. The distribution of birds in different habitats depends largely on the availability of critical resources. The study assessed the abundance and diversity of sunbird species at Ngel Nyaki forest reserve. This was conducted during and after peak periods of flowering of key tree species visited by birds.”**  **This is not clear “**Although more individuals in total of the various sunbird species were sighted in the Core forest than in the riparian fragments, sunbird species diversity did not differ significantly between the two habitat classes. **”. The conclusion should be revised.**  **Please, check the grammar, spelling and be consistent with the use of either American or British English.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **The manuscript is scientific but requires some work to improve clarity. I have added comments on the manuscript. Some sentences should be broken down into shorter sentences to improve clarity and punctuation should be improved as well.** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **The reference within the text was done, but most of the references are from studies conducted a long time ago. It is advisable to use 70 to 80% of references from 5 to 10 years ago to stay updated with current research findings.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | The grammar requires some work. Long sentences can be broken down into two or more sentences to improve clarity. In some instances, present tenses have been used instead of past tenses. And punctuation needs to be improved too, for example, the use of “;” in some places instead of “,”. |  |
| Optional/General comments | The authors have done a good job. However, I am recommending major revision relating to reporting, punctuation, grammar, and figure presentation to improve the manuscript significantly. I have made suggestions for an improved title. The references could also be improved to more current findings. The manuscript Page 2: Modification:The ubiquitous nature of birds makes them an essential component of biodiversity, and as such, birds are often used as good indicators of the state of health of the environment (Pearce and Ferrier, 2001; Gregory et al., 2003).Page 2:The sentence is too long. Shorter sentences increase clarity. “Birds mirror changes…”Page 2:Be consistent in your writing pattern.Page 2:Structure your sentence better. The use of “;” is sometimes not needed.Modifiaction:(1) Develop a comprehensive checklist of sunbird species at Ngel Nyaki forestPage 3:Figure one is not readable and it would improve the figure title is you add a, b and c to the three maps within Figure 1.Introduce the methodology briefly in the introduction“Line transect sampling in accordance with Bibby et al. (2000) was carried out between (06:30-09:30 GMT) and between (15:30 -18:30 GMT) each day. The survey took place between November, 2012 to February, 2013, and later between November 2013 and February 2014. Wet season assessment was conducted in April and May, 2013. A total of 19 transect ranging between 336 m to 1,737 m in length and covering a total distance of 16,654 m or 16.7 km were surveyed".Page 3:Okay. This is good information but how did you achieve this “Transects were selected with a view to cover the entire Ngel Nyaki Forest reserve or such that we could obtain a representative data set that would account for the diversity of sunbird species at Ngel Nyaki Forest reserve.”? What sampling methods were employed?Page 3“Although this data was primarily generated for a comprehensive sunbird-tree pollination network (Nsor, 2014),…” It’s not clear if you are referring to your data or someone else’s data. If the latter, then it should be secondary data, but if the former, then there is no need for references. Or make what you are saying clearer.Page 4.Fig. 2Merge these into one Figure with two panels, a and b. The description and quality could also be improved.Page 4: Move the legend to the top left and improve the description of the figure to improve understanding for readers. Generic distribution does not say much, and it would also be helpful if you include the location name rather than “study area”.Limit the use of personalisation like we, I and Us etc.For example treplace “We compared the rank abundance of species using a one- way ANOVA (Manu et al., 2010).” with “The rank abundance of species was compared using a one-way ANOVA (Manu et al., 2010).”Limit the use of personalisation like we, I and Us etc. “The rank abundance of species was compared using a one-way ANOVA (Manu et al., 2010)”.Page 5. Apply equation function in word to rewrite your equations.Page 6List the species the species in “At Ngel Nyaki, we found 11 species occurring at different seasons with varying degrees of abundance.”Page 9:Plates - Call this a figure. Have a, b, ...h on them and then decribe them in the title just like you would a figure.The conclusion can be improved. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Sijeh Agbor Asuk, United Kingdom**