

Review Form 1.7

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| Journal Name: | Journal of Applied Life Sciences International |
| Manuscript Number: | Ms_JALSI_104464 |
| Title of the Manuscript: | Effect of Improved Hive Cover Designs on Internal Microclimate and Colony Establishment of West African Honeybees (<i>Apis mellifera adansonii</i> L.) in Awka |
| Type of the 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:

<https://www.journaljalsi.com/index.php/JALSI/editorial-policy>)

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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) |
|--|---|---|
| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>It is important. It involves organisms of phylum Arthropoda and selected abiotic factors which influence their growth</p> <p>The title is suitable. However, Nigeria should be included at the end</p> <p>It is sufficient although it has minimum errors (to be highlighted in the additional suggestions/comments)</p> <p>Subsection on the results needs to be redone to include subheadings of each investigated parameter; i.e control design and hive microclimate; T1 and hive microclimate; T2 and hive microclimate and T3 and hive microclimate. Another subheading for hive colonization by <i>A. mellifera</i> preceding information on table 3</p> <p>Sufficient</p> <p>Abstract; 6th last line-delete 'colonized', 4th last line-use 'occurred' in December Introduction; last paragraph-8th line use 'be' colonized, last line PVC should be in brackets Materials and methods; page five- 'as described in section 3.3' this section does not exist!, delete subheading on 'data collection' Results; adopt use of designated symbols (T1,T2...) throughout the write up for consistency, consider using 'hive design cover and different months of the study period' instead of 'treatment and months', spacing between the legend for figure 3 and x axis is big! Include plate for T2 albeit no colony formation Discussion; pg 12-Lepkova et al 2022 is repeated! Pg 13- use 'hive cover design' instead of 'hive design'. Last paragraph line 3- 'colonization of Africa' is ambiguous, the term 'allos' means?. Statement after Akune 2017 is not clear</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>It is suitable. There are errors needing minimum correction</p> | |
| <p>Optional/General comments</p> | | |

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

Reviewer Details:

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|----------------------------------|-------------------------|
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