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| Journal Name: | [**Journal of Advances in Biology & Biotechnology**](https://journaljabb.com/index.php/JABB) |
| Manuscript Number: | **Ms\_JABB\_134840** |
| Title of the Manuscript: | **Community structure and functioning of the soil macro-invertebrates under invasion by Wasmannia auropunctata (Roger, 1863) (Hymenoptera: Formicidae) in Mbalmayo Reserve Forest (Centre-Cameroon)** |
| Type of the Article | **Original Research Article** |

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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 present study is crucial for understanding the broader ecological consequences of biological invasions by *Wasmannia auropunctata* and its impact on soil macro-invertebrates. It thus helps in developing conservation strategies and sustainable management approaches to preserve native biodiversity and soil health in Cameroon and similar tropical regions. | **Thank you for the honesty of the reviewer.** |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, the title of the article suitable | **Thank you and no comments.**  **The title consists of 22 words, in line with the journal's guidelines.** |
| **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 should be written as a single paragraph of 250–300 words without subheadings. | **The abstract, including the heading words of the sections required in the journal guide, is 300 words long, and if we remove the 11 heading words required in the journal guide, we will have 289 words left. This number of words is well within the journal standard range (250 to 300 words).**  **We have therefore split the abstract into paragraphs in accordance with the recommendations in the journal guide. If the editors allow it, we remove these paragraph headings to make a single paragraph. The corrected version is presented in the corrected manuscript file without these headings and highlighted in yellow.** |
| **Is the manuscript scientifically, correct? Please write here.** | Yes | **Thank you for the honesty of the reviewer.** |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | * Recent references are included, and all references cited in the main body of the paper are fully listed in the references section. * It is recommended to include the following reference in the discussion section.   M. Vonshak , T. Dayan ,A. Ionescu-Hirsh , A. Freidberg and A. Hefetz (2010). The little fire ant *Wasmannia auropunctata*: a new invasive species in the Middle East and its impact on the local arthropod fauna. *Biol Invasions* . 12:1825–1837 | **Thank you for the honesty of the reviewer.**  **Yes, this quote has been included in the discussion as requested by the reviewer, with the passage added to the discussion in red and highlighted in yellow. In the references, this introduced quote takes rank 89, thus bumping the rank of subsequent quotes by one, the old number 89 becoming 90, the old 90 becoming 91 and so on until the old 94 becoming 95** |
| **Is the language/English quality of the article suitable for scholarly communications?** | Yes | **Thank you for the honesty of the reviewer.** |
| **Optional/General** comments | 1. *Wasmannia auropunctata* should be abbreviated as *W. auropunctata*, not *Wa. auropunctata*. For all scientific names, only the first letter of the genus should be used in abbreviations 2. In taxonomy, the scientific name should be written in full (genus and species) the first time it appears in the body of the paper. Thereafter, it can be abbreviated. Therefore, in the fifth paragraph, all species names should be written in full except *Wasmannia auropunctata*, which may remain abbreviated. All scientific names in the paper should be checked to make sure they are correct and properly written. 3. The term 'non-invaded site' is preferred over 'no invaded site' or 'not invaded site'. Corrections should be made throughout the paper wherever the incorrect terms appear." 4. In the last sentence under **2.3. Specimen identification** the is repeated. | **Yes, we corrected it, wrote it in red and highlighted it in yellow throughout the text of the manuscript.**  **Yes, everything is corrected according to the reviewer's comment. Corrected references are written in red color and highlighted in yellow**  **Yes, corrections are made in accordance with the reviewer's comment, these corrections being written in red and highlighted in yellow.**  **Yes, the extra word has been deleted and the correction area highlighted in jkaune.** |

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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)* |  |