

**SDI FINAL EVALUATION FORM 1.1**

**PART 1:**

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| Journal Name:            | <a href="#">Asian Journal of Environment &amp; Ecology</a>                                                     |
| Manuscript Number:       | Ms_AJEE_34392                                                                                                  |
| Title of the Manuscript: | EVALUATION ON ABUNDANCE AND DIVERSITY OF SOIL MACRO-INVERTEBRATES IN IDORO COMMUNITY, AKWA IBOM STATE, NIGERIA |
| Type of Article:         | Original Research Article                                                                                      |

**PART 2:**

| FINAL EVALUATOR'S comments on revised paper<br>(if any)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Authors' response to final evaluator's comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <p>Dear Editor, I noticed some points that compromise the acceptance of the manuscript for publication.</p> <p>1) In general, the present manuscript does not bring enough discussion to support the results. For example, the Author did not discuss or cite any reference that could support the affirmation that "the soil of the waste dump site is acidic, and that could explain why it has more abundance of unidentified insect larvae". This statement was based on what?</p> <p>2) In the discussion, there are passages in the text that are mere repetition of what has already been reported in results. For example: "some In the cultivated farmland, the dominant taxa were <i>Blaniulus guttulatus</i> (millipede) followed by <i>Asiormorpha coarctata</i>, followed by <i>Oniscidea</i> sp., <i>Formica rufa</i>, <i>Cryptocerus punctulatus</i>, <i>Hogna</i> sp., while the least were <i>Veronicella</i> sp. and <i>Oxidus gracilis</i>. Also in the waste dump site, the dominant taxa were Arthropod larvae, followed by <i>Blaniulus guttulatus</i>, <i>Pachychilidae</i> sp. and <i>Hogna</i> sp. (Wolf spider). Taxa such as <i>Plectroctena</i> sp., <i>Formica rufa</i>, <i>Cryptocerus punctulatus</i> and <i>Oxidus gracilis</i> were totally absent in the waste dumpsite."</p> <p>3) The author did not discuss anything about the influence of soil temperature on soil fauna. Soil temperature, which was evaluated in the manuscript, is an extremely important environmental variable that affects the activity and or abundance and richness of the edaphic organisms.</p> <p>4) The authors stated that the (mean) soil moisture in the area of waste dump site (8.07) was higher than in the area of the cultivated land (7.95). There seems to be no difference because of the values are practically the same. In addition, the lowest value of soil moisture in the waste dump site (4.50) was lower than the lowest observed in the cultivated land (8.60).</p> | <p>Enough discussion to support the results on soil acidic (pH), temperature, and moisture have been included. Citation of references have been made to support the affirmation that the soil of the waste dump site is acidic. And the base on the abundance of unidentified insect larvae was also stated and discussed.</p> <p>2) In the text, areas with repetition was deleted.</p> <p>3) The influence of soil temperature on the soil macroinvertebrates was discussed in the text</p> <p>4) This issue was subjected to test. And it has been discussed appropriately.</p> |