

Review Form 1.6

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| Journal Name: | Annual Research & Review in Biology |
| Manuscript Number: | Ms_ARRB_89570 |
| Title of the Manuscript: | Assessment of Genetic Diversity in Plantain (Musa paradisiaca L) using Yield-Related Agro-morphological Traits and Microsatellite markers |
| Type of the Article | Original Research 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.journalarrb.com/index.php/ARRB/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) |
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| Compulsory REVISION comments | | |
| Minor REVISION comments | <ol style="list-style-type: none">1- Please refer to the comment in the abstract; section conclusion for correction, as there are other pandemics that affects the reduction on yield, such as drought and other abiotic stresses. Hence, make the emphasizing of the crises more general.2- There is an issue in the objectives part of the Introduction section. Unusual presenting of the results in the introduction is not the right way of writing academic paper.3- 3- GPS coordination in the field of agriculture has no uses of 'Altitude' instead elevation is proper word, as altitude is mostly used for an object above the soil surface such as space exploration.4- In the materials and methods, DNA extraction method (CTAB) is a common method and if there is no a modification in this protocol then there is no need to be detailed here. Indeed, the extraction is not part of the paper target then only stating the method with the reference is a satisfactory choice.5- In the results and discussion Scatter plot and Network analysis are reasonable and sufficient to show the relationship between the genotypes based on the Agro-morphological traits, then there is no need to present simple correlation coefficient if the dotted traits presented on the scatter plot.6- However, there are different kinds analysis, but the number of markers is not sufficient to fully decide on the accuracy of genotypes distance with only six SSR markers. Hence, in the discussion it should be framed based on this fact.7- There are some other grammatical and spelling mistakes that needs to be corrected.8- Please refer to the manuscript for further comments. | All the necessary corrections were done |
| Optional/General comments | | |

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