



**Declaration of Originality**

I hereby confirm that I am the author of the written manuscript here enclosed and that I have compiled it in my own words.

Title of manuscript (in block letters):

**Morpho-Ecotype Characterization of Superior Local Durian (*Durio zibethinus* L.) in Jember Regency**

With my signature I confirm that:

- I have not committed any of the forms of plagiarism.
- I have documented all methods, data and processes truthfully.
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Place, date

Jember, 9 Agustus 2023

Author name(s) (in block letters)

Signature(s)

Vega Kartika Sari

Halimatus Sa'diyah

Basuki

Note: fill and scan this form and upload along with the manuscript file during submission.

9 Agustus 2023

Dear Dr. Miftahul Ilmi,

I am pleased to submit our manuscript entitled “**Morpho-Ecotype Characterization of Superior Local Durian (*Durio zibethinus* L.) in Jember Regency**” by Vega Kartika Sari, Halimatus Sa’diyah, Basuki for consideration as a *Journal of Tropical Biodiversity and Biotechnology* research article.

In this manuscript, we show that **Jember Regency's durian core areas are Panti District on the slopes of Mount Argopuro and Sumberjambe District on the slopes of Mount Raung, where local durians with the potential to be outstanding grow. Soil texture and pH at both locations are suitable for durian plants. Superior local durians from Panti district had a similarity level of 66%, the highest similarity between Montong Belanda and Gendon durians (75%). Superior local durian from Sumberjambe district showed 64% similarity, Si Sukun durian differed significantly from the others, whereas the LK 1 and LK 4 durians shared 85% similarity.**

We believe that our paper is appropriate for publication by *Journal of Tropical Biodiversity and Biotechnology* because **it suitable the scope of the studies of plant diversity and tropical ecology. Our paper provides information for durian plant breeding and durian development, especially in the respective areas of the slopes of Mount Argopuro and Raung in Jember Regency.**

This manuscript has not been published before and is not being considered for publication elsewhere. We have no conflicts of interest to disclose. If you feel that the manuscript is appropriate for your journal, we suggest the following reviewers:

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Thank you for your consideration.

Sincerely,



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