



SDI Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_41207
Title of the Manuscript:	Botanical composition of Fabaceae family in the Brazilian Northeast, Maranhão, Brazil
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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)
Compulsory REVISION comments	Title of the Article Reviewed:"Botanical composition of Fabaceae family in the Brazilian Northeast, Maranhão, Brazil" Major comment: Excellent work was done by the author for only one year. Research needs to be continued for two more years before the results are submitted for publication. Presentation needs improvement scientifically and need to be rewritten, and re-reviewed twice or thrice for botanical terminology, missing (statistical,literature) data, geographical information, before resubmission for final review and acceptance for publication in the AJEE. Review Comments: of each subhead were presented below Abstract: It is not required to mention municipality of Coelho Neto/MA (Coelho Neto-Maranhao) in the abstract, but required in justification part of the introduction. Also please avoid abbreviations when used first time, and in the abstract unless it is most familiar term in the world of science research. When it is a classification of species in a single family, one should consider even a minute detail of each and every trait pertaining to the morphological/physiological/reproductive/ecological etc., that is included in taxonomical classification of the fabaceae plant members which differentiated as distinct members from other plant families. Here it was stated that only flower and fruit traits were studied. Reasons for considering only these traits need to be stated for justification in the materials and methods section. Lack of information on statistical methodology followed for classification Like cluster analysis? Introduction Paragraph 1: line 1: Please replace "tree family" with "plant family" line 4, sentence 3: incomplete sentence line 5, sentence 4: "The family" need to be specified in the beginning of the sentence. Paragraph 2: line 1, sentence 1: please avoid using "your", rephrase the sentence. Divide this very big sentence to simple meaningful sentences. sentence 2: it is also too huge with lot of information, but require restructuring as it is currently not stating essential hidden information of bacteria in root nodules are making the fabaceae family's ability so distinct from other families. Paragraph 3: line 1, sentence 1: family is in four biomes, and is widely distributed.please state clearly the names of ecosystems,	noted

Comment [GG1]: Suggestion accepted

Comment [GG2]: Recommendation accepted.

Comment [GG3]: These recommendations have been accepted because they make all the ideas clearer, as well as addressing issues of the English standard.



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	sentence 2: explain the term "hydrographic basins" sentence 3: please restructure and make simple sentences. It is very useful information and one of the main justification sentence for the research done Materials and methods: statistical data was missing for study location with east west north south directions for geographical identity of the species collected. section 2.2: paragraph 1, sentence 3: Replace the sentence starting "The obtaining the botanical material" with "The botanical material was collected with pruning shears at reproductive stage and five samples of each specimen were bagged, following the standard methodology (19)". Paragraph 2: Line 1, sentence 1: Rephrase the sentence with "series of annotation" sentence 2 and 3: It is Habitat that include the data about the collected plant specimen identity. Please rephrase in most meaningful simple sentence. Paragraph 3: line 1: Rephrase the sentence "Botanical herbalising process", to a new sentence starting with "Plant specimen herbarium was prepared with...." paragraph: Please insert the references at the end of the sentence or at the end of appropriate subject term. Please rewrite the sentences into simpler sentences and following the general rule for english grammer for sentence construction. Results and Discussion: Table 1: Replace "fitogeographic" with "Phytogeographic". Geographic distribution was two letter coded, please provide a subfile with expanded names of these coded locations. Simple table with allocation of species into different families will not scientifically proven correct for publication of scientific information. It should be sampled thrice, from three different location (minimum) and collected for a period of three years (minimum). Data was collected only for one year. It is not a CRD, which means that it is not a simple biochemical analysis of samples in a laboratory. Please collect the data for two more years and rewrite the research article and resubmit. Figure 2: is not required last three paragraphs of this section has only general information that can retrieved from any plant science book about shrubs, trees and its taxonomic features. Please provide information on species its identity and its connection to the geographic location based on the taxonomic traits collected from varioous samples of each specimen distinctly collected for each subfamily. Please also inlcude reasons for its diversity being in the same location, Coelho Neto/MA (Brazilian Northeast, Maranhão) with other sub-families along with specimen density information. Please strictly follow the standard statistical rules designed for collection of samples in botanical surveys. Conclusion: please re-write with accurate botanical language and scientific information. Please avoid using "shrub way of life", "expressive" justify "subsidiess". Please state the impact of your research study for scientific community.	
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Comment [GG4]: is the area or region of drainage of a main river and its tributaries.

Comment [GG5]: Suggestion for the organization of ideas

Comment [GG6]: Suggestion accepted

Comment [GG7]: The phrase was rewritten.

Comment [GG8]: Correction effected

Comment [GG9]: Additional text was written specifying each acronym of geographical distribution.

Comment [GG10]: Figure is essential for understanding and demonstration



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	Suggested reading for author for thorough review direction for this kind of botanical / taxonomical research: Floristic Composition and Community Structure in an Area of Cerrado in SE Brazil by Dr.Peter Gibbs et al.1983 available online at https://www.sciencedirect.com/science/article/pii/S0367253017320224 and by Dr.Flávia Cristina Vieira SERRA et al., at http://www.scielo.br/scielo.php?script=sci_arttext&pid=S0044-59672016000300271	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		