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SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	**Ms_JAERI_43781**
Title of the Manuscript:	**Morphological characterization of certain ornamental cacti genera suitable for tropical climatic regimes**
Oct 26, 2018 *Type of Article:*	**Original Research Article**

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	**Authors' response to final evaluator's comments**
The work is without clear objectives. Are these cacti native to the region? Why evaluate them under controlled conditions? Has an evaluation in native populations been done previously to know the "level" of variation of the morphological characteristics to be able to compare the results of these species under cultivation? The ideal would be to carry out the analyzes in a greater number of individuals per species and to perform the statistics concerned (intraspecific), including on the level of variation found. If the objective is the cultivation of these cacti for cultivation the ideal would be a lower level of variation .... In the feedback sent the authors talk about the evaluation of the species for selection of rootstock. This was not clear in the text.	➢ The work was framed out in the described manner to assess the suitability and morphological uniqueness of the selected cacti genera for the tropical climatic condition. ➢ These cacti are of tropical in their origin and so they are selected for the study. They are not indigenous to India. ➢ They were evaluated under glass house (controlled condition) to provide them the arid climate (higher temperature and less humidity) which is a prerequisite for their sustained growth. ➢ The plants procured from a renowned institute of India known for their intensive work on cacti and the native population evaluation have been carried out. ➢ Cacti plants are used only for ornamental purpose and there is no commercial cultivation except *Hylocereus undatus* (DRAGON FRUIT). In view of ornamental purpose, even a speck or strike is more advantageous. ➢ In regard of discussion about rootstock, the genera was suggested so as it was having columnar growth which made it highly suitable for the purpose of rootstock in grafing.