



SDI Review Form 1.6

Journal Name:	Asian Journal of Biochemistry, Genetics and Molecular Biology
Manuscript Number:	Ms_AJGMB_51331
Title of the Manuscript:	Genetic variability and diversity analysis in pod and seed characters of some neglected and underutilized legumes (NULs).
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>)



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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)
Compulsory REVISION comments	<p>This paper discuss in details on pods and seeds morphological data of the twenty-four accessions of neglected and underutilized legume species with a view to establishing the occurrence of genetic variability diversity analysis among the studied taxa. Genetic diversity data obtained from this paper will be useful for crop improvement and breeding plan. The paper can be considered to be accepted with minor correction as below:</p> <p>Abstract: Please clearly highlight the problem statement on genetic variability and diversity analysis through Pod and seed morphological characters</p> <p>Introduction: Please provide some literature supported on current references on the following topics:</p> <ul style="list-style-type: none"> (i) Neglected and underutilized legumes are so called because of their existence in a wide range of diversity as cultivated or wild species (ii) formation of individuals differing in genotypes (iii) genetic characteristics in the genetic make-up of a species <p>Discussion: Please provide technical discussion supported with current references on the following points:</p> <ul style="list-style-type: none"> (i) Data on Pod and Seed Characters of the Neglected and Underutilized (NULs) Legumes Studied (ii) Eigen values, Variance Proportion of Five Pc-Axes and Eigenvectors of Nine Pod and Seed Characters Principal Component Axes (iii) Two dimensional spatial configurations of the twelve species of twelve- four accessions of the miscellaneous legumes plotted by vectors from the first two PC-axes according to their pod and seed characters (iv) Dendrogram showing grouping of the 24 accessions of the NULs based on their pod and seed characters 	
Minor REVISION comments		
Optional/General comments	The manuscript should be submitted for English Editing	

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



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