



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_20592
Title of the Manuscript:	VARIATION IN SEEDS PHYSICAL TRAITS OF BAMBARA GROUNDNUT (<i>Vigna subterranea</i> (L.) Verdc.) COLLECTED IN CAMEROON
Type of the 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>)



SDI Review Form 1.6

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	In my opinión this submission contributes to extend our knowledge on morphometric variations of <i>Vigna subterranea</i> seeds. In general, the submission meets the scientific standards; however, some weaknesses can be found. - The authors are encouraged to improve clarity in writing through all the text. - Page 2, line 52: instead of writing "... harvested four months ago ...", indicate the accurate collection date. - The authors partitioned the phenotypic variation in two components, the genetic one and the environmental one. For giving a broader draw of the environmental contribution to seed morphometric variation, eco-geographical data of locations where each accession was collected must be included in Table 1. This information could also be useful to deepen the discussion of results. - Please, indicate the reference corresponding to the citation mentioned in Table 1. - Page 4, line 84: please, indicate that SPSS	corrected The accurate collection date is January 2013. The authors agree with the reviewer that eco-geographical data of each accession were included in table 1. [6] The data analyses were done with software



SDI Review Form 1.6

	corresponds to the software used to analyze the data. -Page 4, line 95: please, give the meaning of “h” and review the equation of “GA”. - Page 5, lines 109 and 110: for the statement “These moisture contents have not far with that recommended for seed storage (12%) in bambara groundnut.”, please give the respective citation. - In Tables 2 and 3 the results of the Duncan’s multiple range test (for example, by using different letters in the same column) must be shown. - Page 7, lines 148-150: for the statement “Our results show that sphericity and aspect ratio increased with decrease in seed size, whereas volume, surface area and geometric mean diameter increased with increase in seed size.”, evidences of those relations must be given. - Page 8, lines 178-180: the statement “Seed length was significantly correlated with all measured traits. The seed with the longer length did not have either the largest width or thickness.” seems somewhat contradictory. Please, explain it. - Some inconsistencies were found in the writing of references. Reference 11, journal name	SPSS (2005). h^2B is Broad sense heritability. [13] is the corresponding citation. The authors agree with the reviewer. The corrections were done. Page 5, lines 98-105 deleted. These information are not important for this work. Page and line numbers are changed. Page 6, lines 141-143 corrected. Page 8, lines 171-175. The authors did not seem somewhat contradictory.
--	--	---



SDI Review Form 1.6

	abbreviated. Reference 21, year of publication is missing. Reference of Amarteifio et al., 1997 was not cited in the text. Reference 21, please, review the writing of the name of the report (eliminate some capitals).	Some errors were corrected. Not Sci Biol.: Notulae Scientia Biologicae Reference 2 in the text is Amarteifio et al (1997), page 1, line 30
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		