

Review Form 3

Journal Name:	Annual Research & Review in Biology
Manuscript Number:	Ms_ARRB_126507
Title of the Manuscript:	Morphological and biochemical variability of <i>Balanites aegyptiaca</i> fruit, seed and kernel from Burkina Faso
Type of the Article	

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PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This study is important for science and especially in the agri-food sector, this study provides us with information on the different forms of the fruits of <i>Balanites aegyptiaca</i> as well as the yield of each form of fruit, according to the results obtained from this study, the stones of the fruits of <i>Balanites</i> can be used in several ways, namely in the pharmaceutical, industrial, agri-food, cosmetic and even livestock feed sectors.	
Is the title of the article suitable? (If not please suggest an alternative title)	Regarding the title of the manuscript, what is the difference between the seed and the kernel for the fruit of <i>Balanites aegyptiaca</i> ? we find the seed in the kernel by crushing it and according to this study the part studied is the shape of the kernel, so I propose this title: Morphological and biochemical variability of the kernel of the fruit of <i>Balanites aegyptiaca</i> from Burkina Faso.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	This sentence is not very clear: "This study aimed to estimate the morphological and biochemical composition of seeds, almonds and fruits of <i>Balanites aegyptiaca</i> based on their shape". - Did the author study the whole fruit, i.e. the fruit with the mesocarp, or did he study only the kernel, or did he mix the kernel and the seed to carry out his analyses? - Please define this part clearly and try to explain it to readers who are not in the field.	
Are subsections and structure of the manuscript appropriate?	The structure of the manuscript is appropriate but, the subsection 2.1 and the subsection 2.2 can be combined in one section	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The English of the manuscript is well written, the sampling was clear and concise, the manuscripts are well structured, the statistical analysis of the data is of high scientific quality. The analytical techniques used are international standards and all analyses in this study have been performed in triplicate to ensure reliability.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	The references cited in this article are recent, but in the Results and Discussion section, the fruit shape part is not sufficiently discussed, please discuss in relation to other work that has been done. In section 3.2 physicochemical profile, please discuss the results found in comparison to others and explain the results you found in this section. Try to establish a link between the shape of the fruit and the yields found.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The English of the manuscript is well written	
<u>Optional/General</u> comments	<ul style="list-style-type: none"> - The study is well done, but here are some comments to improve the quality of the article - - Clearly define the part of the fruit to be studied. - - The results and discussion section lack references, please look for work like yours and try to compare them. - - In the introduction section, standardise the writing of references in this sentence: "Therefore, fixed oil extracts from seeds play an important role in nutrition and health (Murthy et al., 2020)". - - In the conclusion, define the perspectives of this discovery, of this study. 	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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