



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2013_BJAST_4945
Title of the Manuscript:	Colocasia esculenta [(L.) Schott] as an alternative energy source in animal nutrition
Type of the Article	Review

General guideline for Peer Review process is available in this link:

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

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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)
<u>Compulsory</u> REVISION comments	Pg 1, Line 17: Key words are not quite appropriate Taro cocoyam is inappropriate. This wrong expression is very frequently used in the manuscript. It is either called taro or cocoyam in the strict sence. In Nigeria however, cocoyam is often applied to both <i>Xanthosoma</i> and <i>Colocasia</i> . It is more specific to use taro in this case. The reporting is fair but can be improved	Previously corrected
<u>Minor</u> REVISION comments	Pg 1, L 1: Square brackets to be removed from the title Pg 1, L 6: <i>Colocasia esculenta</i> is not wild cocoyam. It is a very important and widely cultivated edible cocoyam. The genus and species commonly known as wild cocoyam is <i>Caladium</i> spp (<i>C. bicolour</i>, <i>C. variegatum</i>, etc) Pg 1, L 24; pg 2 L 32: ...keen competition between humans and animals... Pg 2, L 61: Taro (instead of cocoyam) is a herbaceous... Pg 3, L 64: The world's total production of taro cocoyam in 2011 was... Pg 3, L 70: Nutritive values of taro Pg 3, L 80-82 and 82-84: Information in the statement on pages 80-82 is not quite different	Corrected Corrected Corrected Corrected Corrected Corrected Corrected



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	from that in L82-84. The two statements should be collapsed into one. Pg 3, L 117: Replace “eructate” with a better terminology Pg 4, L 125: ... cellulose activity... Pg 5, L 138: ... contain about 3.08 % (in dry matter) of oxalate... Pg 5, L 139: ...apparent reduced digestibility... not the other way round. Pg 5, L 155: Statement should be revised Pg 6, L 166: Sentence should revised Pg 7, L202-205: Sentence should be revised	Corrected Corrected Corrected Corrected Corrected Corrected Corrected Corrected
<u>Optional/General</u> comments	There was no table of data reporting the level of acceptability of taro processed in various ways by ruminants or herbivores	Some of the tables included show the composition of differently processed taro corms or leaves. Also, the write up indicate levels of inclusion in some of the studies as well as the level of tolerance by the animals.