



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_14095
Title of the Manuscript:	Estimation of Nutritional and Starch Characteristics of Dioscorea alata (Water Yam) Varieties Commonly Cultivated in the South-Eastern Nigeria
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>)



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)
<u>Compulsory</u> REVISION comments	ABSTRACT Line 12 pg 1 Statement should be 'varieties of D.alata were prepared for analysis by peeling, dicing, drying and milling into flour.' <i>Results</i> Line 16 The result should be in ranges e.g 3.41-3.46 since the varieties do not have the same values for the parameters <i>Conclusion</i> Line 16 statement can read thus' there is a need for intense breeding of improved varieties'.... Materials and methods Line 86 Why were the samples sun dried instead of oven dried at about 60°C? LINE 90 Delete ash and crude fibre content to avoid confusion since it is still discussed in line 91-94 Line 92 What type of furnace? Methodology used to determine starch characteristics such as hydrolysis index, and gelatinization temperature were not included but results were presented, thi should be included in the method section Results and DISCUSSION	Corrected Corrected The sun-drying was to remove certain amount of water to prevent spoilage within no time as we needed to analyse the samples in a lab different from ours. However, before the analysis it was oven dried. Muffle furnace (now added)



SDI Review Form 1.6

	LINE 179 'Glycemic index of foods is a level of.....' statement confusing please delete/ correct it Line 203-204 Statement should be reframed.	Corrected .
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	All' D.alata' should be italicised	