



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2013_BJAST_4666
Title of the Manuscript:	Seasonal variation in heavy metal content of sole, <i>Solea solea</i> and croaker, <i>Pseudotolithus typus</i> from Lagos and Delta states, Nigeria
Type of the Article	Research Paper

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.



SDI Review Form 1.6

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		
<u>Minor</u> REVISION comments	May be Published after Minor revision 1. Manuscript is Not on journal's format 2. L97: What Sampling technique was adopted? 3. How was the results obtained in view of human consumption? 4. If so, the results obtained in view of human consumption must be given in discussion. 5. All data derived from study must be compared more detailly with other published references e.g. i. Naeem, M., A. Salam, S.S. Tahir and N. Rauf, 2010. Assessment of the essential element and toxic heavy metals in hatchery reared <i>Oncorhynchus mykiss</i>. <i>Int. J. Agric. Biol.</i>, 12: 935-938 ii. Naeem, M., Salam, A., Narejo, N. T., Khokhar, M.Y., Yar,	1) The Journal's format has been followed in this review. 2) A comprehensive description of the sampling technique adopted in the study has been given 3) Heavy metal contents observed in fish samples were only compared with international tolerable values in fish; human consumption levels of fish were not evaluated in the study. 4) The level of human consumption of these fish species was not evaluated in this study, thus no results were obtained on human consumption 5) As much as possible, this has been done. 6) Skejeltkvale <i>et. al.</i> (2001) ; Steel and Torrie (1981); Eletta <i>et. al</i> (2003) 7) The following references have been added: EC (2005) and Burger and



SDI Review Form 1.6

	R.A., Ishtiaq, A., 2012. Heavy Metal Detection in <i>Mystus Bleekeri</i> as Bioindicator and Potential Risk of Human Health. <i>Sindh Univ. Res. Jour. (Sci. Ser.)</i>, 44 (2): 189-194. iii. Naeem, M., Salam, A., Khokhar, M.Y., Nasir, M.F., Nouman, M.F., Ishtiaq, A. and Allah-Yar, R. 2011. Evaluation Of Metal Contents In Female <i>Oreochromis niloticus</i> With Emphasis On Potential Risk Of Consumption And Relation To Some Biological Aspects, <i>Afr. J. Biotechnol.</i>, 10(53), pp. 11054-11057. iv. Naeem M, A Salam, SS Tahir and N Rauf, 2011. The effect of fish size and condition on the contents of twelve essential and non essential elements in <i>Aristichthys nobilis</i> from Pakistan. <i>Pak Vet J</i>, 31(2): 109-112. 6. Check Year and spell of the references: L 61: (Ducrotroy, 1966) --- Spell check and year L 84 and 89: Skejelkvale <i>et. al.</i> (2001) L 120: Steel and Torrie (1980). L 172 : (Eletta <i>et al.</i>, 2002). 7. References not in the list: L69: Leussen, 1989 L 175: EC 2005 L 185: Burgera and Gochfeld (2005) 8. Delete the references, if not cited: L 211: Albering, H.J., van Leusen, S.M., Moonen, E.J.C., Hoogewerff, J.A., Kleinjans, J.C.S. (1999) L 218: Association of official analytical chemists, AOAC.	Gochfeld (2005). Leussen (1989) should read van Leussen (1988). It has been so inserted. 8) All the references have been duly cited in text as follows: Albering <i>et. al.</i>, 1999 (L 70-71); AOAC, 2000 (Deleted); Ducrotroy <i>et. al.</i> (L62); Skejelkvale <i>et. al.</i>, (L85 and L90), Steel and Torrie, 1981 (L121). 9) Tables showing elemental values have replaced Figures used in previous submission. 10) Suggested changes have been duly effected as follows: 12hr (L 104) and more references have been provided (L180, L233 and L 261-262).
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	(2000). Official methods of analysis, 219 Volumes I and II, fifteenth ed.; Kenneth, H. (Ed.). Arlington, Virginia, USA. L 227 : Ducrotoy, J.P., Elliot, M., De Jonge, V. 2000. The North Sea: an evaluation. Marine Pollution 228 Bulletin, 41, 5-23. L 249: Skejelkvale, B.L., Andersen, T., Fjeld, E. Mannio, J., Wilander, A., Johanson, K. Jensen, J. P. 250 Smith V.H., Tilman, G.D. and Nekola, J.C. (1999). Environmental Pollution, 100(1-3), 179- 251 196. L 252: Steel, R.G., Torie, J. A. (1981). Principles and procedures of statistics. A biomedical Approach, second ed., McGraw-Hill International, Auckland. 9. May provide a table showing grand mean values of elemental concentration in carcasses of fishes, as figures are not representing the exact values of each element in the fish. 10. Changes: L 103: 12hours --- 12 hr L 183: Delete the line L 187: Provide reference	
<u>Optional/General</u> comments		