

Review Form 1.7

Journal Name:	Asian Journal of Biology
Manuscript Number:	Ms_AJOB_107968
Title of the Manuscript:	PHYTOREMEDIATION INDICES OF WATER HYACINTH (EICHHORNIA CRASSIPES) GROWING IN PANTEKA STREAM, KADUNA.
Type of the Article	Original Research Article

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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. Yes, the manuscript is important enough for scientific.</p> <p>2. Yes, the title is suitable to picture the whole manuscript</p> <p>3. No, the abstract should be re-writing, giving clear location of study, why choose the heavy metals of cadmium (Cd), chromium (Cr), copper (Cu), nickel (Ni), lead (Pb), and zinc (Zn) to investigate, and the values of concentration should be accompanied with measuring unit.</p> <p>4. Yes, the subsections and structure of manuscript are appropriate.</p> <p>5. Some are incorrect:</p> <p>a. Plant samples were collected from Panteka's contaminated water as well as a control. <i>This sentence is incorrect because the control sample or Point D was sampled in pond not in Panteka Stream</i></p> <p>b. AAS and acetylene was used as the carrier gas. Flame absorption method at a wavelength of 283.3nm. <i>This wavelength is incorrect because the 283.3 nm is for lead(Pb)only.</i></p> <p>c. The levels of these heavy metals in samples of water across the wet season from sampling points A, B, C, and D increased. <i>This sentence is not true, because not only Zn, also Pb, and seemly Cu were higher during dry season (see Fig.2)</i></p> <p>d. the increase in Zinc at sampling point A and B, during the dry season might be due to the engine oils, wastes from car parts and other items coated with zinc (also Pb) being washed off into the stream. <i>Is that true that wastes not being washed also during wet season?</i></p> <p>e. The heavy metals concentration conforms with the findings of [25] who reported that heavy metals were observed from paper dumping sites. Cadmium concentration in the water samples was the highest among the heavy metals studied. This was similar to the reports of [26], who in their study of heavy metals in sediments collected from the Gorgan coast, reported that Zinc had the highest concentration. <i>Please compare to similar objective, like transport vehicle dumping area; water with water not water to sediment.</i></p> <p>f. Other heavy metals accumulated significantly in E. crassipes growing at all the sampling points except in the control samples. <i>This sentence is incorrect because Pb is highest accumulated in control, and also Zn (the second higher).</i></p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. Yes, suitable enough.</p>	
<p>Optional/General comments</p>		

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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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