

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Environment &amp; Ecology</a>
Manuscript Number:	Ms_AJEE_79923
Title of the Manuscript:	Effect of different diets on the growth rate of the rotifer, <i>Brachionus plicatilis</i> under 40 ppt salinity stress.
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:

(<https://www.journalajee.com/index.php/AJEE/editorial-policy> )

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Compulsory</b> REVISION comments	<p>- You said that "Rotifers are cosmopolitan organisms as they are osmoconformers and can be adapted to salinities ranging from 1‰ to 97‰". Thus, how do you know rotifer to be stressed as cultured under 40ppt? Not found any stress conditions or challenging test carried out in this manuscript?</p> <p>- Why the aim is different from the title. Do you want to study on the effect of salinity or the diets?</p> <p>-Not clear. Why do you set up twenty four 9-liters plastic jar, but using only 2-liter initial volume and in the Table 1 you showed only 1-liter initial volume?</p> <p>- If you applied feeding regimes following Table 1, density of rotifer in T1, T2...T5 were diluted that affecting your result.</p> <p>-Where is the data on the ninth day?</p> <p>- You should be made a Table that is easy to compare all your treatments. This Table can replace Table 2, which is not showing differences among the treatments</p> <p>- You did not mention in the method, how do you separate and count gravid females?</p> <p>-How is T1, T2, T3 and T5</p> <p>-Where is T8 that didn't show in Figure 3</p> <p>-Did not mention in the method, how do you identify and count the egg from each treatment daily.</p> <p>-This discussion was not explain or support your result.</p> <p>-Your result shown "The test revealed that the treatment pairs T1 and T3, T1 and T4, T1 and T5, T1 and T6, T1 and T7, T1 and T8, T2 and T5, T2 and T6, T2 and T7, T2 and T8, T3 and T6, T3 and T7, T3 and T8, T4 and T7, T4 and T8, T5 and T7, T5 and T8 had mean differences with significant value (<math>p &lt; 0.05</math>). The rest pairs of treatments showed a significance level greater than (0.05) which means there were no statistically significant differences between them." Thus T4 and T6; T5 and T6; T6 and T7; T6 and T8 were not statistically significant. Therefore you can not concluded that T6 (S.parkle) is the most effective diets.</p> <p><b>More detail is shown in your manuscript</b></p>	
<b>Minor</b> REVISION comments	<p>- Have some mistakes in typing words</p> <p>- Not uniform Font</p>	
<b>Optional/General</b> comments	<p>It seems that the authors confused the aim and the title of the manuscript. The title focus on the effect of different diets but the aim focus on the effect of 40 ppt salinity. The method was very overall. Some results were mentioned in the result section but there was not described in the method.</p> <p>Discussion is general and simple that could not explain these results.</p> <p>Based on major problems identified above, I don't feel that this ms merits publication in Asian Journal of Environment &amp;Ecology</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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