



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Zoology
Manuscript Number:	Ms_AJRIZ_46532
Title of the Manuscript:	NILEM CARP FISH (<i>Osteochilus hasselti</i>) PERFORMANCE IN VARIOUS FEED ENERGY-PROTEIN RATIOS
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)
<p>Compulsory REVISION comments</p>	<p>Protein is the most expensive compound in fish feeds, hence, optimizing protein concentrations is essential to minimize feed cost and to formulate feeds, allowing the best growth with the minimum protein utilization.</p> <p>The development of cost effective feeds that provide balanced diet to maximize growth, while minimizing environmental effects, depends on knowing the species' nutritional requirements and meeting those requirements with balanced diet formulations and appropriate feeding.</p> <p>In fish nutrition, dietary protein is the most important factor affecting growth performance of fish and feed cost, but excessive amount of dietary protein could cause the increase of ammonia excretion. Dietary protein utilization may be improved by partially replacing dietary protein with lipid and/or carbohydrate to benefit from protein-sparing criterion, Therefore, dietary energy to protein (E/P) ratio is an important index in fish feed formulation. For this, the optimal dietary digestible protein to energy ratio is critical for the success of fish farming.</p>	
<p>Minor REVISION comments</p>	<p>INTRODUCTION Part</p> <ul style="list-style-type: none"> ➤ In the introduction it is necessary to describe the role of the proteins in the growth, because they are responsible for the constitution of the flesh of the fish, as well as the role of the ratio E / P on the protection of the environment. <p>MATERIALS AND METHOD Part :</p> <ul style="list-style-type: none"> ➤ The authors should insert a table with the proximate compositions of the diets to be tested in Protein, fat, carbohydrates which are the energy sources of the fish. ➤ The authors must give the composition of the food E food control. ➤ The energy content of the test diets was estimated using conversion factors of 39.5, 23.7, and 17.2 kJ g⁻¹ or Kcal, for fat, protein, and carbohydrate, respectively. ➤ The same table must include the calculated energy of each food with the E / P ratio. <p>Results and Discussion Part.</p> <ul style="list-style-type: none"> ➤ For the interpretation of the results, the presence of a table of the percentage composition in proteins, lipids, carbohydrates can help the authors to interpret their results more precisely. ➤ It is necessary to show the effect of the differences of the rates of ingredients on the performances of growth. ➤ The high FCR of diets B and D can only be explained by their low fish meal level because fry carp require more protein in their diet. ➤ The survival rate for diet D is not explained in the article and I wonder why ?? <p>CONCLUSION Part</p> <ul style="list-style-type: none"> ➤ The conclusion must be modified 	



SDI Review Form 1.6

	<p>➤ Given the cost of feeding, the last A is considered optimal for juvenile carp in this study, since its RCF is the lowest, as must be indicated that the survival rate is 90%, which represents a gain for the fish farmer.</p>	
Optional/General comments		

PART 2:

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

Reviewer Details:

Name:	Mustapha ABA
Department, University & Country	Morocco