

Review Form 1.7

Journal Name:	Asian Journal of Fisheries and Aquatic Research
Manuscript Number:	Ms_AJFAR_103963
Title of the Manuscript:	STUDIES ON MORTALITY AND HISTOPATHOLOGICAL ALTERATION ON THE GILLS OF <i>Oreochromis niloticus</i> JUVENILES FOLLOWING EXPOSURE TO ETHANOLIC EXTRACT OF <i>Phragmites</i> <i>capitata</i> UNDER LABORATORY CONDITIONS
Type of the 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.journalajfar.com/index.php/AJFAR/editorial-policy>)

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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, I think this manuscript is scientifically important. However, I would like to point out the following comments:</p> <p>1.1 Although it is probably outside the scope of this paper, but I think the future of plant-based fish feed must be genetically modified (GM) plants. For example, the following paper (Napier and Betancor, 2023) is a good example of the ongoing field trials on transitioning away from oceanic-derived fish oils as feed ingredients, focusing on the emerging transgenic plant sources of these fatty acids. There is a growing recognition of the challenges associated with ensuring good nutrition for all without compromising the environment. This is particularly true for aquaculture, given the reliance on marine extraction for key feed ingredients, yet at the same time it delivers key nutrients such as omega-3 long chain polyunsaturated fatty acids. The status of these new plant-based sources of omega-3 fish oils confirm the arrival of a new wave of plant biotech products, 25 years after the introduction of herbicide-tolerant input traits.</p> <p>1.2 “Engineering plant-based feedstocks for sustainable aquaculture” in Current Opinion in Plant Biology, 2023 (Napier and Betancor).</p> <p>2. The title is fine.</p> <p>3. The abstract is comprehensive enough.</p> <p>4. The subsections and structure are appropriate.</p> <p>5. The manuscript is scientifically correct, to the best of my knowledge.</p> <p>6. The references are sufficient and up to date.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Check and edit the language for the whole article	
<p>Optional/General comments</p>	Follow journal instructions	

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>	

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