

Review Form 1.7

Journal Name:	South Asian Journal of Research in Microbiology
Manuscript Number:	Ms_SAJRM_108946
Title of the Manuscript:	Isolation and Identification of Vibrio Spp. from Catfish (<i>Arius heudelotii</i>) from Wild Environment in Rivers State, Nigeria
Type of the Article	Original Research Article

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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> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> Yes, The piece of work carried out by the authors seems to important in terms of bacterial surveillance for healthy aquaculture and its impacts Could be modified as "Isolation and Identification of Vibrio Spp. from Catfish (Arius heudelotii) harvested from New Calabar River in Rivers State, Nigeria" Needs improvement (suggestions made in manuscript as well as elaborate Reviewers comments submitted separately) Seems fine Final comments only possible after improvement and subsequent revision of the manuscript More relevant references for methodologies and in support of the outcomes needs to be looked for and incorporated as required <p>(ALL ELABORATE COMMENTS HAVE BEEN PROVIDED IN THE MANUSCRIPT AND SEPARATE SHEET ATTACHED AS REVIEWERS COMMENTS)</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	<p>Needs improvement. Possible suggestions made in manuscript & separate Reviewer comments sheet attached</p>	
<p>Optional/General comments</p>	<p>The sentence framing needs lot of improvement The format for the References in the text needs to be uniform The references provided may be cross checked . Proper carity and linkage of sentences have been highlighted in the text. It is advisable to attach plag check report with the manuscript.</p> <p>REVIEWER COMMENTS</p> <p>The review comments and suggested modifications have been marked in the manuscript. However, some important reviewers comments are as follows:</p> <p>The piece of work carried out by the authors seems to important in terms of bacterial surveillance for healthy aquaculture and its impacts. However, in context to the presented material following points need to be addressed and presented more carefully with better precision and accurate information.</p> <p style="text-align: center;">TITLE</p> <p>The title needs to be more specific and precise. There is only one source for collecting fish and water samples ie New Calabar River in River State. So using New Calabar River instead of Wild environment seems to be more precise and specific</p>	

	<p style="text-align: center;">ABSTRACT</p> <p>It is suggested to please improve sentence framing. Names of couple of <i>Vibrio</i> species are wrongly spelled. Needs to revise and correct. The data numeric presented in the text are in repetitive format. eg 17/96 (17.7%). Can suggested to please use single format (simply writing percentage numeric could also do)</p> <p style="text-align: center;">INTRODUCTION</p> <p>Introduction needs to be bit precise and well knitted. Entire introduction seems to be ill framed with inappropriate sentence connectivity and flow. Repetitions are frequently visible. It is advised to please add few more species of fish and finally focus on <i>Arius heudelotti</i> with reasoning for selecting this species only for the study.</p> <p>A part of the introduction needs to precisely revolve around isolation and identification of isolates and previous outcomes other researches if any.</p> <p>Introduction lacks identification of gaps for selecting the current study with references to previous such studies. So needs improvement.</p> <p>The last paragraph needs to justify the objective of the study in context to the identified gaps.</p> <p style="text-align: center;">MATERIALS AND METHODS</p> <p>This section is ill defined. Needs to address following points</p> <p>Study site and its demography</p> <p>The text nowhere mentions about the coordinates of study area and its weather condition. Moreover, the year of study is also not mentioned. It would be better to include geographical coordinates of study area with description of specific rainy season and dry season months along with mean rainfall and temperatures in the region. Year of study needs to be mentioned.</p> <p>Methods for various biochemical tests protocols and their relevant references are not clearly mentioned and understood. Material and methods need clearly name the test methods and material used to isolate and identify the specimen.</p> <p>There is no mention about the serial dilution method used and even formula given for the calculation of cfu/g or cfu/ml need to be reviewed and presented with references.</p> <p>There is no mention about the volume of water sample collected from each site and precisely how the water sample was collected at 100mt away from shore.</p> <p>Statistical calculations are advised to be made by using some authentic latest version of software like SPSS etc.</p> <p style="text-align: center;">RESULTS & DISCUSSION:</p> <p>The presentation of results needs improvement. Duplicity in terms of text and tabulated data needs to be avoided. Format for expression could be modified in text instead of just quoting same values in text as well as tables.</p> <p>The results need to be discussed appropriately with adequate and justifiable reasoning for the outcomes in the light of earlier research evidences.</p> <p>Discussion lacks reasoning and inadequate evidence based references from previous studies. Discussion needs to be improved a lot with more studies and reasoning eg.</p> <p>Why there was no <i>Vibrio</i> detected in water in October where as there was high incidence of <i>vibrio</i> in intestine and skin of the fish in same month?</p> <p>Why there was low count of <i>vibrio</i> in September in water while it was highest in Gills of fish in same month?</p> <p>Why <i>Vibrio</i> depleted in months of Aug, Oct, Feb, April?</p>	
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	<p>General comments: The sentence framing needs lot of improvement The format for the References in the text needs to be uniform The references provided may be cross checked . Proper carity and linkage of sentences have been highlighted in the text. It is advisable to attach plag check report with the manuscript.</p> <p>CONFIDENTIAL The manuscript seems to be informative but material & methods are not accurately presented. The site description with weather conditions is not provided. Besides, there is scope for improvement in the presentation and alignment of the comprehensive data. There is no judicious reasoning and defense and even adequate supportive references from previous studies for the results obtained. The reason and evidence based discussion with proper presentation is lacking. It is suggested to get plag check report along with the manuscript. A careful consideration and authentication prior to acceptance is suggested.</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>	

Reviewer Details:

Name:	Rajesh Sawhney
Department, University & Country	National Dental College & Hospital, India