

**Paper: “Premier Inventaire des Macroinvertebres Aquatiques de Quelques Petits Barrages du Centre et du Nord de la Cote d'Ivoire”**

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Peer review:

Reviewer 1: Kouadio Akissi Nathalie  
Ecole Normale Supérieure Abidjan, Ivory Coast

Reviewer 2: Bessaih Abderrahmane  
Université Djillali Liabes, Algérie

# ***ESJ Manuscript Evaluation Form 2021***

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Reviewer Name: KOUADIO Akissi Nathalie	
University/Country: Ecole Normale Supérieure Abidjan/ Ivory Coast	
Date Manuscript Received: 18 <sup>th</sup> December 2021	Date Review Report Submitted: 29 <sup>th</sup> December 2021
Manuscript Title: <b>Premier inventaire des macroinvertébrés aquatiques de petits barrages du Centre et Nord de la Côte d'Ivoire.</b>	
ESJ Manuscript Number: 1065/21	
You agree your name is revealed to the author of the paper: Yes/ <del>No</del>	
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## **Evaluation Criteria:**

**Please give each evaluation item a numeric rating on a 5-point scale, along with a thorough explanation for each point rating.**

<i>Questions</i>	<b><i>Rating Result</i></b> [Poor] 1-5 [Excellent]
<b>1. The title is clear and it is adequate to the content of the article.</b>	<b>3</b>

The title is vague. The authors should have specified first qualitative inventory of aquatic macroinvertebrates of small dams in the Center and North of Ivory Coast.	
<b>2. The abstract clearly presents objects, methods and results.</b>	<b>3</b>
The abstract does not clearly present the sampling methodology. The title is not clear which impacts the objects and results.	
<b>3. There are few grammatical errors and spelling mistakes in this article.</b>	<b>4</b>
The text is written with a good level of language, easy to read with fewer grammatical errors	
<b>4. The study methods are explained clearly.</b>	<b>5</b>
The methodology is clear and the material and method parts well explained.	
<b>5. The results are clear and do not contain errors.</b>	<b>5</b>
The results are clear, consistent and do not contain errors	
<b>6. The conclusions or summary are accurate and supported by the content.</b>	<b>4</b>
The conclusion seems insufficient to me.	
<b>7. The references are comprehensive and appropriate.</b>	<b>4</b>
The references are sufficient, up-to-date and appropriate in relation to the text but they will have to be adapted to the instructions to the authors.	

**Overall Recommendation** (mark an X with your recommendation) :

**Comments and Suggestions to the Author(s):**

The context is not defined in the introduction.

The authors indicate that they did one dry season sampling (March 2017) and two rainy season samplings (June 2016 and June 2018). I would like the authors to explain the choice of months:

- Why not two samplings also in dry season;
- Why only one month a year;
- Why not over a whole year, taking into account the different seasons.

The authors indicate that this work aims to improve the knowledge on aquatic macroinvertebrates of small dams in the North and Center of the Ivory Coast. In this case, the authors should complete other information namely:

- To make the quantitative inventory to appreciate the water quality knowing that macroinvertebrates are recognized as very good bioindicators of ecological quality of lakes and rivers;
- To make a quantitative analysis of the benthic macroinvertebrate population in relation to the physico-chemical quality of small dams in the North and Center;
- Make an analysis according to the seasons;

- Perform a statistical test to compare the appearance of macroinvertebrates in different stations and seasons.

Authors should consult the article by Motchié *et al.*, 2020 on the Diversity of benthic macroinvertebrates and biotic indices to evaluate water quality in Lake Sokotè (Côte d'Ivoire).

The discussion is insufficient.

### **Comments and Suggestions to the Editors Only:**

The editor can publish the article after the authors have taken all suggestions into account and after making corrections to the manuscript.

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Please respond within the appointed time so that we can give the authors timely responses and feedback.

NOTE: ESJ promotes peer review procedure based on scientific validity and technical quality of the paper (not perceived the impact). You are also not required to do proofreading of the paper. It could be recommended as part of the revision.

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Reviewer Name: Dr BESSAIH ABDERRAHMANE	
University/Country: <u>Université Djillali Liabes / Algérie</u>	
Date Manuscript Received: 04 Avril 2022	Date Review Report Submitted: 14 Avril 2022
Manuscript Title: PREMIER INVENTAIRE DES MACROINVERTEBRES AQUATIQUES DE PETITS BARRAGES DU CENTRE ET NORD DE LA CÔTE D'IVOIRE	
ESJ Manuscript Number: ISSN: 1857-7881(Print)e-ISSN 1857-7431	
You agree your name is revealed to the author of the paper: Yes	
You approve, your name as a reviewer of this paper, is available in the "review history" of the paper: Yes	
You approve, this review report is available in the "review history" of the paper: Yes	

## Evaluation Criteria:

Please give each evaluation item a numeric rating on a 5-point scale, along with a thorough explanation for each point rating.

<i>Questions</i>	<i>Rating Result</i> [Poor] 1-5 [Excellent]
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<b>1. The title is clear and it is adequate to the content of the article.</b>	<b>5</b>
yes, the title is clear and well suited to the content of the article.	
<b>2. The abstract clearly presents objects, methods and results.</b>	<b>4</b>
Yes the summary clearly presents the objects of the study, the methods used and the results.	
<b>3. There are few grammatical errors and spelling mistakes in this article.</b>	<b>4</b>
There are few grammar and spelling mistakes	
<b>4. The study methods are explained clearly.</b>	<b>4</b>
The study methods are clearly explained, except some details are missing such as the GPS coordinates of the study stations	
<b>5. The results are clear and do not contain errors.</b>	<b>5</b>
yes, the results are clear and contain no errors.	
<b>6. The conclusions or summary are accurate and supported by the content.</b>	<b>5</b>
Yes, the conclusions or summary are accurate and supported by the content.	
<b>7. The references are comprehensive and appropriate.</b>	<b>5</b>
yes, the references are complete and appropriate.	

**Overall Recommendation** (mark an X with your recommendation) :

Accepted, no revision needed	<b>X</b>
Accepted, minor revision needed	
Return for major revision and resubmission	
Reject	

**Comments and Suggestions to the Author(s):**

Very good work, it allows the consolidation of aquatic macroinvertebrates from the dams of the center and north of cote d'ivoire.

**Comments and Suggestions to the Editors Only:**