

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_109414
Title of the Manuscript:	Divergent survival costs in homosexual and heterosexual interactions among coffee white stem borers, <i>Xylotrechus quadripes</i> (Coleoptera: Cerambycidae)
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> <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, the manuscript is important for scientific community to resolve the impact of the destruction of coffee tree stems by the attack of <i>Xylotrechus quadripes</i> (Coleoptera: Cerambycidae) but need to follow science methodology to obtain good results</p> <p>2. No, Title suggestion : Determination of the Development Cycle of Homosexual and Heterosexual <i>Xylotrechus quadripes</i> (Coleoptera : Cerambycidae) : white stem borers of coffee</p> <p>3. No, because it is written in a disorderly manner.</p> <p>I suggest you bring in order:</p> <ul style="list-style-type: none"> - A short general introduction - The general objective of the work - Brief work methodology - Major quantified results obtained - A little conclusion <p>Abbreviations should be avoided in the abstract.</p> <p>4. No, Generally speaking, the introduction needs to be revised because there are too many old references. Too many long paragraphs without references. The verb tense should not be the personal. Poor structuring of the introduction. The bibliographic references are very old, they must be updated at least 10 years (2013-2023). Material and Method must be well structured in part and I propose:</p> <ul style="list-style-type: none"> - Study area and data collection - Sampling and collecting insects on coffee tree stems - Intensive breeding of insects from in vivo collections in the laboratory - Development cycle of <i>Xylotrechus quadripes</i> - Determination of insect mortality rate <p>5. The manuscript is not scientifically correct therefore a very noticeable absence of statistical analyzes of the data, the abstract very poor in information, poor structuring of the manuscript, poor discussion and no final conclusion.</p> <p>6. Very old bibliographic references</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Average	

Comment [U1]: Proposition du titre : Détermination du Cycle de développement des homosexuelles et hétérosexuelles de *Xylotrechus quadripes* (Coleoptera : Cerambycidae) : foreurs de tige blanche du caféier

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Optional/General comments	Abstract, Introduction, Material & methods, Results, discussion and reference poorly done, needs to be arrange according to the guide	
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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:

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