Review Form 1.6

Journal Name:	**International Journal of Environment and Climate Change**
Manuscript Number:	**Ms_IJECC_87841**
Title of the Manuscript:	**Alterations due to Heat Shock in biological and commercial features of the Silkworm, Bombyx mori**
Type of the Article	**Short communication**

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.journalijecc.com/index.php/IJECC/editorial-policy)

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)*
Compulsory REVISION comments	The manuscript notes: "Thus the present study revealed that the carbohydrate content has been utilized by the larvae as they grew due to intense metabolic activities which require constant energy for growth and cellular homeostasis. Besides, altered biochemical composition in the embryos as observed in the present study due to thermal stress for shorter period cause larval death. This observation opens an ample scope for evolution of thermotolerant silkworm breeds for either silkworm breeding program or commercial exploitation". What exactly are "an ample scope for evolution of thermotolerant silkworm breeds for either silkworm breeding program or commercial exploitation". The specifics are missing.	
Minor REVISION comments	The manuscript notes: "Thus, it is suggested that since the silkworm larvae are highly sensitive to fluctuated environmental conditions they should be preserved under optimum conditions or even 1 hr of thermal stress above threshold cause death of the larvae which intern might affect other cocoon traits". Given the great practical significance of this study, it would be advisable to dwell in more detail on the description of methods for maintaining optimal conditions for silkworm larvae and their commercial feasibility.	
Optional/General comments	The manuscript notes: "Hence, to avoid such short comings and exploit breed potential, concerted efforts are made to develop appropriate rearing techniques and suggested to preserve the silkworm eggs from ovipostion until hatching under optimum environmental conditions that 25±1°C and 75±5% relative humidity". It would be necessary to specify what kind of "concerted effort" we are talking about, and it would also be necessary to detail the content of "appropriate rearing techniques".	

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?	***(If yes, Kindly please write down the ethical issues here in details)***	

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