

Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_94954
Title of the Manuscript:	Cold shock response in biological and commercial traits of the silkworm, <i>Bombyx mori</i>
Type of the Article	Research 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.journalcjust.com/index.php/CJAST/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	In this manuscript, the authors described several physiological changes in silkworm after cold shock treatment. While the study is interesting, this manuscript lacks depth and contains errors in the results presented. Contrary to their manuscript title, the results have no direct link to the "commercial traits" of silkworms as there is no evaluation on the silk quality. Please omit "commercial traits" from the title. Authors should summarize all results, including the control group for all the parameters evaluated in the Abstract. Acronyms should be described in full in the Abstract. Statistical significance should be indicated in the Figures (graphs) and match the descriptions in text. Majority of the results do not have significant difference from the control groups. Results in the text do not tally with those in the Table or Figure; e.g. Shell weight for 15°C, cocoon weight, for 15°C.	
Minor REVISION comments	Sample size for each replication used was only 6 which is too little for statistical comparison between control and treatment groups.	
Optional/General comments	This manuscript needs English proofreading and editing as there are many grammatical and typo errors that hinder comprehension of the article content.	

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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