



SDI Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_50980
Title of the Manuscript:	Neural oxidant-stress by Azadirachtin induces anti-oxidative enzymes evincing biomarker potential in paddy pest, <i>Spathosternum prasiniferum prasiniferum</i> (Orthoptera:Acridoidea)
Type of the Article	Research

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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

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		
Minor REVISION comments	<p>Line 44: "So the loss of insect leads threatened to biodiversity" statement not clear.</p> <p>Line 55 "In addition degeneration of mitochondrial membrane can initiate a cascade of free radical reactions" needs citation</p> <p>Line 75 "hemolymph was pooled group and gender-wise" statement is unclear</p> <p>Line 78 "The data were calculated evaluate consumption index (CI),"</p> <p>Line 101 "Lima-Oliveira et al. 2016." Formatting error should be Lima-Oliveira et al. (2016)"</p> <p>Line 134 "In vivo" "in vitro" could be written in italics. Kindly fix this throughout the texts.</p> <p>Line 209 "otherorthopteran" typos</p> <p>Line 297 "india" capitalize I</p>	<p>Line 44: correction has been made and now the statement is "So the massive loss or death of insect may result in an alarming situation to the biodiversity in that ecological niche."</p> <p>Line 55: ref. Included; Redza-Dutordoir M, Averill-Bates DA. Activation of apoptosis signaling pathways by reactive oxygen species. Biochim Biophys Acta. 2016 Dec;1863(12):2977-2992.</p> <p>Line 75 : statement rewritten: After the treatment period, hemolymph was pooled (from multiple insects) separately from male and female from different groups.</p> <p>Line 78: The data were calculated to evaluate the consumption index (CI)</p> <p>Line 101: correction has been made</p> <p>Line 134: correction has been made</p> <p>Line 209: correction has been made</p> <p>Line 297: correction has been made</p>
Optional/General comments	<p>I was able to detect several typos and grammar errors in the manuscript. This can be improved upon for readers to easily comprehend the interesting study the authors have performed.</p> <p>Overall, I find the methods to be very thorough and the findings support the conclusion.</p>	



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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	n/a