

Review Form 1.7

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_119523
Title of the Manuscript:	An overview of Stemborer (<i>Celosterna scabrator</i>) (<i>Stromatium barbatum</i>) of grapevine.
Type of the Article	Review 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>An effective scientific communication through manuscripts is essential for progress, collaboration, and the advancement of science. Therefore the manuscripts is important to the scientific community.</p> <p>It is suitable and informative title that set the stage for this study. It highlights the significance of stem borers (<i>Celosterna scabrator</i> and <i>Stromatium barbatum</i>) in grapevine cultivation and their impact on yields. It also hints at the complexities involved in managing those pests.</p> <p>The abstract provided in this review offers a comprehensive overview of the challenges posed by stem borers (<i>Celosterna scabrator</i> and <i>Stromatium barbatum</i>) in grapevine cultivation. It covers their impact on yields, biology, lifecycle, and management complexities. It also highlighted the importance of understanding pest behavior and advocates for integrated pest management (IPM) approaches.</p> <p>This is a review article and it did not follows the scientific structure of a manuscript such as the title, abstract, introduction, materials and methods, result, discussion and conclusion</p> <p>The scientific validity of the manuscript focusing on <i>Celosterna scabrator</i> and <i>Stromatium barbatum</i>, the stem borers affecting grapevines. It gave insight on pest behavior and the importance of integrated pest management</p> <p>Here are some recent scientific references related to grapevine pest management:</p> <p>Mating Disruption Using Mechanical Vibrations: Researchers have investigated using artificial vibrational noise to prevent mate recognition and localization in the grapevine pest Scaphoideus titanus. Laboratory trials determined an effective amplitude threshold (15 µm/s peak amplitude), which was validated in field cages. <u>Shutting off disruptive noise between 1000 and 1800 h did not reduce efficacy, allowing energy savings during that period.</u></p> <p>Comprehensive Grape Pest Management Resources: <u>The Third Edition of "Grape Pest Management" consolidates the latest scientific studies and research into one handy reference.</u> <u>The Second Edition also provides valuable insights from entomologists, viticulturists, and plant pathologists³.</u></p> <p>Effective Chemicals Against Grapevine Thrips: <u>Dimethoate, fipronil, clothianidin, lambda-cyhalothrin, emamectin benzoate, acetamiprid, thiamethoxam, and spinosad are effective against grapevine thrips.</u></p> <p>Changing Phenology and Range of Grapevine Pests: <u>Case studies reveal shifts in phenology and distribution ranges of grape berry moths, leafhoppers, and mealybugs.</u></p>	

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Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	The language and English quality seem suitable for scholarly communication.	
Optional/General comments		

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

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