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| Book Name: | [Current Research Progress in Agricultural Sciences](https://www.bookpi.org/bookstore/product/current-research-progress-in-agricultural-sciences-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4651** |
| Title of the Manuscript: | **Ultrastructural Studies of Embryo Abortion in Buckwheat (Fagopyrum esculentum) as a Heat-stress** |
| Type of the Article | **BOOK CHAPTER** |

**Special note:**

**A research paper already published in a journal can be published as a Book Chapter in an expanded form with proper copyright approval.**

**Source Article:**

**This chapter is an extended version of the article published by the same author(s) in the following journal.**

**Cytologia 73(4): 371–379, 2008.**

[**https://doi.org/10.1508/cytologia.73.371**](https://doi.org/10.1508/cytologia.73.371)

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This manuscript provides valuable insights into the mechanisms underlying embryo abortion in Fagopyrum esculentum under high-temperature stress, a critical issue in plant reproductive biology and crop resilience. By identifying the ultrastructural changes associated with embryo sac failure, the study enhances our understanding of post-zygotic barriers and nutrient transport disruptions that impact seed development. The findings contribute to broader research on heat stress tolerance, offering potential implications for breeding strategies aimed at improving reproductive success in temperature-sensitive crops. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes, But some correction mentioned in manuscript.** |  |
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| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes** |  |
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| Optional/General comments | **Give** **Future Research Directions** in last |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** |  |  |

**Reviewer details:**

**Chandramaniya Chiragkumar Pravinbhai, Anand Agricultural University (AAU), India**