

REVIEWER'S REPORT

Manuscript No.: IJAR-58596

Title: Influence of Different Concentrations of GA₃ on Seed Germination in Corynandra felina (L.f.) Cochrane & Iltis

Recommendation:

- Accept as it is
 ✓ Accept after minor revision.....
 Accept after major revision
 Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality		✓		
Clarity		✓		
Significance	✓			

Reviewer Name: Dr S. K. Nath

Detailed Reviewer's Report

Strength of the study:

- The study addresses conservation of an endemic medicinal plant with practical importance
- The objective is clearly defined and scientifically relevant
- Experimental procedures are simple and easy to reproduce
- Different GA₃ concentrations and soaking durations were systematically evaluated
- Results are presented clearly with supporting tables and figures
- The discussion is supported by relevant literature
- The findings have value for propagation and conservation programs

Weakness of the study:

- Ethical statement is not mentioned, although it is generally not required for plant studies
- Statistical analysis should be described in greater detail
- Germination percentages remain relatively low despite treatment
- The study is limited to laboratory conditions without field validation
- Minor grammatical and formatting errors require correction
- More recent references could strengthen the discussion
- Additional physiological parameters would improve the study

Reviewers Comments:

The manuscript presents a useful study on improving seed germination of *Corynandra felina*, an endemic medicinal plant with conservation importance. The research objective is clear, and the experimental design is straightforward with appropriate comparison of different GA₃ concentrations and soaking durations. The results are presented clearly through tables and figures, and the discussion relates the findings to previous studies. Since this is a plant-based experimental study, formal ethical clearance is generally not required, but the authors may include a brief statement if required by the journal. The manuscript is generally well written; however, minor grammatical, formatting, and typographical corrections are needed to improve readability. The statistical analysis should be described more comprehensively, and the limitations of conducting the work only under laboratory conditions should be discussed. Including field validation and additional germination or seedling growth parameters would further strengthen the work. Overall, the study provides useful information for plant propagation and conservation and is suitable for publication after minor revision.

Previously Published anywhere/Plagiarism check:

The manuscript appears to be an original experimental study, and no obvious indication of previous publication or duplicated content was identified from the submitted version. Appropriate references have been cited throughout the manuscript. A routine plagiarism similarity check by the journal is recommended before publication to confirm originality and ensure compliance with publication ethics.