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##### **CHECKLIST FOR REVIEWERS**

**Title of the manuscript:** In vitro conservation of endangered orchid *Bulbophyllum auricomum* Lindl., the royal orchid of Myanmar

**Author (s):** Myo Ma Ma Than

# No of the manuscript: JPOP769

Deadline for the receiving of your review: 30 days after the receiving of the manuscript

**Please consider main points A and B. Please DO NOT CONTINUE TO REVIEW the manuscript if:**

**- the answer to point A.1 is NO**

**- the answer to point A.2 is YES**

**- the answer to point B is LOW.**

**A. Relevance of the paper.**

***1. Is the subject of the manuscript within scope of the journal?***

**x** Yes

**□** No

***2. Previous publication of the material***

**x** No

**□** Yes. What and where………………………………………………………………...

…………………………………………………………………………………………..

### B. Scientific and practical importance of the data

**□** High

**x** Adequate

**□** Low – See comments

### C. Scientific quality

***1. Are the data in this manuscript new?***

**x** Yes

**□** No.

Comments:

***2. Is the manuscript clearly written and well-organized?***

**x** Yes

**□** No. Comments: Generally well written but could do with reduction in length in places.

***3. Are the Abstract and the Key words adequate?***

**□** Yes

**x** No. Suggestions: More detailed information could be given in the abstract. Mention growth retardation in key words.

***4. Does the Introduction state the aim of the research and present knowledge?***

**x** Yes

**□** No. Comments: Generally OK.

***5. Materials, methods and study design***

**x** Adequate

**□** Improvement needed. Suggestions: Generally good, see comments on manuscript.

**□** Inadequate. Comments:

***6. Results and Discussion***

**x** Properly drawn with regard to methods and data

**□** Should be adjusted – Suggestions: ………………………………………………….

…………………………………………………………………………………………..

**□** Insufficiently supported – Comments: ……………………………………………..

………………………………………………………………………………………….

The results are generally well described.

***7. Are the tables and figures titles and legends presented well and necessary?***

**□** Yes

**x** Improvement needed. Suggestions:

Write *Bulbophyllum* in full in each legend.

Letters to ascribe statistical significance are ascending in Figs 2 and 3a,b, but appear more confused in 3c. They may need re-ordering.

**□** No. Comments:…………………………………………………………………………

***8. Data and statistical treatment***

**x** Adequate

**□** Improvement needed. Comments:……………………………………………………

**□** Inadequate. Comments:………………………………………………………………

***9. Have all relevant literature been cited***

**x** Yes

**□** No. Suggestions:…Yes, but a long reference list. This could be shortened, omitting some non-orchid references.

**E. Recommendations (after corrections)**

□ The paper should be published as it is now, or with minor editorial changes

**x** The paper could be published after minor revision, and need not be re-reviewed

□ The paper could be accepted after major revision according to the comments

□ Rejected

#### If adjustments or revision is recommended

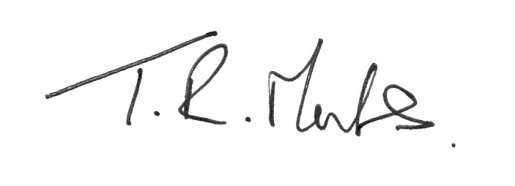
□ The writer is allowed to contact me (sign both copies of this checklist)

**x** I want to be anonymous (sign only one copy of this checklist)

□ I am not willing to review this paper again (revision)

Please add further comments.

The authors describe a procedure for inducing slow growth in culture of Bulbophyllum auricomum as a tool to conserve this species with reduced resource input, but minimal detrimental effects upon the recovery of this species for further growth/restoration. The procedures are not new, but the data is useful for this orchid species.



29th October 2013