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

**Title of the manuscript:** **The effect of two biopreparations on rhizogenesis  
in stem cuttings of smoke tree (*Cotinus coggygria* Scop.)**

**Author (s):** .. **Pacholczak Andrzej\* and Petelewicz Paweł**.....................................................................

# No of the manuscript: .....737.....................

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

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

**- the answer to point A.1 is YES**

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

**A. Relevance of the paper.**

**1. *Previous publication of the material***

□ No

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

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

□ High

□ Adequate

□x Low

### C. Scientific quality

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

□ Yes

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

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

□ Yes

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

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

□ Yes

□ No. Suggestions: ..........................................................

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

□ Yes

□ No. Comments: .....................................................................

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

□Adequate

□Improvement needed. Suggestions:………………………………………………

□Inadequate. Comments: ...........................................!

***6. Results and Discussion***

□Properly drawn with regard to methods and data

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

□ Insufficiently supported – Comments: ................................................

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

□ Yes

□ Improvement needed. Suggestions:……………………………………………………

□ No. Comments: ........................................................................

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

□ Adequate

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

□ Inadequate. Comments: .....................................................

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

□ Yes

□ No. Suggestions: ....................................................................

**D. Recommendations (after corrections)**

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

□ 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

□x Rejected

#### E. If adjustments or revision is recommended

□ The writer is allowed to contact me

□ I want to be anonymous

□ I am not willing to review this paper again

□ I agree to review the manuscript again after the revision

Please add further comments.

The literature review is astutely written and a considerable proportion of it (viz. that concerning propagation is a re hash of the scanned document, but uses different words by and large. The part concerning the analysis is different. The materials and methods is effectively an exact replication of the 2010 work. Why did they not simply write as previously published or as described by Pacholczak et al. 201? If you look at the results for both papers, Fig 1 in POP 737 and Table 3 in the scanned document, they are at great odds; For instance, % rooting in the control is 17.5 vs. 30%; Rhiz AA  42.5 vs. 33.3; IBA 48 vs 38.33; Apx1 21 vs. 38.33 in 737 and in scan respectively. This suggests that the results obtained in one year have little resemblance to that for year two. Is it due to lack of replication, or climatic effects or other?

The paper submitted for publication represents two months propagation in a plastic tunnel. I suggest that the authors need to carry out this experiment at least three times given the major discrepancy and then get a mean of the results and effects over time. There is too little info here to even consider publication.