

Author Instructions for Environmental Control in Biology

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The journal publishes detailed reports of original research results on various aspects of directly related subjects. Subject categories within the publication include:

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- * Hydroponics and Growth Promotion
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- * Green Amenity
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- * Sustainable Agriculture
- * Dryland Agriculture
- * Plant Water Relations
- * Environmental Stress Physiology
- * Micro-propagation and Plant Tissue Culture
- * Closed Ecological Life Support System
- * Plant Breeding and Biogenetics
- * Modeling & Its Application in Bio-systems
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SI units (International System of Units) should be used throughout the manuscript. Useful data not essential to a full understanding of the paper may be submitted for online-only publication (supplementary data) on the J-Stage.

Title

The title of the paper should be a precise and concise description of the work performed; it should be not longer than three typeset lines. Use the most important key words of the paper to facilitate indexing and information retrieval. Prepare a running title (less than 30 characters) for the headline in upper margin.

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INTRODUCTION

The introduction should answer clearly and concisely the question “why was this research conducted?” It should include a statement of the problem that justifies doing the research or the hypothesis on which it is based, the findings of (and reference to) earlier work (if applicable) that will be challenged or developed, and the general approach and objectives.

MATERIALS and METHODS

The technical and experimental methods must be described so that the work may be replicable. For materials, give the appropriate technical specifications and quantities and source or method of preparation. Give enough information to indicate how the research was conducted. Well-known tests or procedures should be cited but not described in detail. Describe any controls and the statistical procedures. Method papers should be detailed enough to permit replication of the work. When specific equipment is mentioned in the text, include the model number followed by the name and location (model; city, state, country) of the manufacturer in parentheses.

RESULTS and DISCUSSION

Present results succinctly in a format consistent with experimental design, with emphasis on main effects and significant interactions. The text and tables should discuss the topics in the same sequence. All figures and tables must be cited in numeric order in the text. Interpret results in the discussion. Report and discuss only those results that are relevant to the study. The discussion should compare and explain any differences in the results within the experiment or those contrary to previous studies. Discuss any practical applications of the study and areas for future research. Speculation is encouraged, but must be firmly founded in observation and subjected to tests, and identified apart from the discussion and conclusions. Close the discussion with a brief, pertinent conclusion or interpretive statement; complex conclusions should form a separate section but generally are not necessary if the information is included in the abstract. Avoid summaries indicating “future work is necessary” or “further work is under way” because “previews of coming attractions” are unacceptable and will not be published by the journal. The section on “RESULTS” can be combined with the section on “DISCUSSION” or they can be separate.

ACKNOWLEDGEMENTS

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REFERENCES

The reference section should include only published, significant, and relevant sources accessible through a library or an information system. These include journal articles, books, theses, dissertations, proceedings, bulletins, reports, and published abstracts of papers presented at meetings. Unpublished work, privileged data, or information received personally should be noted parenthetically in the text. Cite all references in the text by last names and year of publication. Text citations should be arranged from the earliest to most recent year, alphabetized by name within the same year. If authors and the year are the same in the cited references, lower-case alphabet letters should be attached to the year, such as 1990a and 1990b, so that the reference can be readily distinguished. When the number of authors are two in a cited reference, cite the reference with both author's name with ‘and,’ e.g., (Toyota and Hitachi, 1987). When the number of authors are more than three in a cited reference, cite the reference with the first author with ‘et al.’ as long as ambiguity is avoided. For entries in REFERENCES, alphabetize by authors' last names and follow the styles below exactly for capitalization, punctuation, and order of elements.

Journal article;

Author, A. B., Author, B. B. 2002. Title of article. Environ. Control Biol. **43**: 35 - 45.

Book article;

Author, A. B., Author, B. B., Author, C. C. 2003. Title of article. In “Title of Book” (ed. by Author, D. D., Author, E. E.), Ed. 2, Vol. 3. Publisher, City, p 15 - 25.

Book;

Author, A. B., Author, B. C. 2003. Title of Book. Publisher, City, pp 565.

Thesis;

Author, B. C. 2003. Title of thesis. PhD thesis. University, City, pp 204.

Abstract;

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Sequence information and X-ray crystallographic coordinates described in a manuscript must be submitted in electronic form to online repositories, such as GenBank, or to the appropriate database for release no later than the date of publication of the corresponding article in the journal. Include database deposition and/or accession numbers in the manuscript and refer to this in the manuscript footnote. If microarray data is included in the manuscripts authors are requested to deposit the data in public repository such as GEO, ArrayExpress and CIBEX. Authors are also advised to make integral materials available in public repositories.

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