

# INSECT SCIENCE AND ITS APPLICATION

The International Journal of Tropical Insect Science

## AIMS AND SCOPE

*Insect Science and its Application* deals comprehensively with all aspects of scientific research targeted on tropical insects (and related arthropods), and the application of new discoveries and innovations to such diverse fields as pest and vector management and the use of insects for human welfare.

A distinctive feature of the journal is its multi- and interdisciplinary nature, which transcends the traditional boundaries of entomology.

Its second feature is its concentration on the recording and reviewing of the progress of insect science in the tropical and subtropical regions of the world. Thus, without excluding any area of the wide-ranging field encompassed by insect science, the journal will accept manuscripts in environmental physiology, the regulation of development and reproduction, population modelling, chemical ecology, natural products chemistry, plant resistance, host-insect relations, behaviour of tropical pest species, epidemiology of tropical diseases, vector biology, pest and vector management research, insect pathology, entomo-meteorology, insects in relation to farming systems, forest entomology, social insects and arthropods, and the use and farming of insects. It is the intention of the Editors to have the manuscripts published rapidly, consistent with the needs of quality control.

In addition to articles of original research, the journal also publishes mini-reviews articles, announcements and reports of meetings, book reviews, new patents, obituaries of prominent scientists and software survey. Each regular issue of the journal usually contains a short review article on a critical or rapidly developing area of tropical insect science; normally, the Editors will have invited an author to contribute such a mini-review.

*Insect Science and Its Application* is an international journal, pursuing its own independent policy through its editorial staff

and the Editorial Advisory Board, which is internationally appointed. Its sponsors, the ICIPE and the African Association of Insect Scientists (AAIS), do not intervene in editorial matters.

## INSTRUCTIONS TO AUTHORS

For indications of the design of papers, the author should consult a recent issue of the journal. The following paragraphs are provided as guidelines for the preparation and submission of manuscripts.

1. All papers for publication in *Insect Science and Its Application* should be submitted directly to Professor Thomas R. Odhiambo, Editor-in-Chief, *Insect Science and Its Application*, ICIPE Science Press, P.O. Box 72913, Nairobi, Kenya. Papers should be mailed in a strong envelope, preferably linen, as they will otherwise arrive in a damaged condition.
2. Papers should be typed in English or French, and be original contributions in the field of tropical insect science. Each paper should have a summary in the form of an abstract in both English and French.
3. Submission of a paper implies that it has not been published previously, that it is not under consideration for publication elsewhere, and that if accepted for *Insect Science and Its Application* the authors will transfer copyright to the ICIPE Science Press of the International Centre of Insect Physiology and Ecology. Manuscripts and illustrations become the property of the journal.
4. There is no page charge for papers accepted for publication.
5. Manuscripts and illustrations must be submitted in triplicate (original and two copies) to ensure efficient refereeing. In the case of multiple authorship, the authors should indicate who is to receive correspondence and the correct address for the mailing of proofs.
6. Manuscripts must be typewritten with double spacing (including the reference list), with wide margins, and on one side of the paper only. Authors are requested to keep their communications as concise as possible. Footnotes should be avoided, and italics should not be used for emphasis. A running head of not more than 30 letters should be supplied.

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*Key Words* A short list of key words should be provided for rapid scanning of the contents of the paper and use in compiling the Index to the completed volume of the journal.

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*Materials and Methods* Sufficient information should be given to permit repetition of the experimental work by other workers. The technical description of methods should be given only when such methods are new.

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*Discussion* should be separate from the Results section, and should deal with the significance of the results and their relationship to the object of the work. Comparison with relevant published work should be made, and conclusions drawn.

*Acknowledgements* Only pertinent acknowledgements should be cited.

*Reference* The Harvard system will be followed. References should be detailed in the following order: Authors' names and initials, date of publication (in brackets), the title of the article, the name of the journal as abbreviated in the *World List of Scientific Periodicals* (4th edn. 1964), the volume, and the first and last pages of the article, e.g.

Delobel A.G.L. (1983) Influence of temperature and host plant condition on preimaginal development and survival in sorghum shootfly, *Atherigona soccata*. *Insect Sci. Applic.* 4, 327-335.

For books, the author's names, date of publication, title, edition, page reference, publisher's name and the place of publication should be given, e.g.

Zurfleuh R.C. (1976) Phenylethers as insect growth regulators: laboratory and field experiments. In *Juvenile Hormones* (Edited by Gilbert L.L.), pp. 61-74. Plenum Press, New York.

Within the text, references should be given as Unnithan (1981) or (Unnithan, 1981). When a citation includes more than two authors, e.g. Ochieng', Onyango and Bungu, the paper should be referred to in the text as Ochieng' *et al.*, provided that this is not ambiguous. If there are only two authors, they should be referred to as Ochieng' and Onyango. If papers by the same authors in the same year are cited, they should be distinguished by letters (a,b,c, etc.).

Reference to papers "in press" must mean that the article has been accepted for publication and should be given as follows:

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8. *Illustrations.* All necessary original illustrations should accompany the manuscript, but should not be inserted in the text. All photographs, graphs and diagrams should be numbered consecutively in arabic numerals in the order in which they are referred to in the text.

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11. The common and Latin names should be given for all species used in the investigation, although taxonomic affiliation and authority should not be provided in the title.

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