

Instructions to Authors

The *Journal of Developments in Sustainable Agriculture* is a J-Stage based online English journal published by the Agricultural and Forestry Research Center, University of Tsukuba. *Journal of Developments in Sustainable Agriculture* publishes solicited and unsolicited articles on all aspects of sustainable agriculture. All submitted articles will be peer reviewed by two or more referees. The journal will be published and available online at <http://www.jstage.jst.go.jp/browse/jdsa/>. A limited number of hard copies of the journal will be published for distribution to the contributing authors.

Submission of Papers online:

Authors should submit their manuscripts by e-mail to the following address:

jdsa@nourin.tsukuba.ac.jp

Authors, Reviewers and Editors send and receive all correspondence by e-mail and no paper correspondence is necessary. If you have any further questions, you may direct your queries to:

jdsa@nourin.tsukuba.ac.jp

Submission of Papers through the mail:

However, if authors can not submit their manuscripts by e-mail, they are requested to submit one copy of their original manuscript, including good quality figures, and a CD copy to the Editorial Committee of JDSA, Agricultural and Forestry Research Center, University of Tsukuba, Tsukuba, Ibaraki, 305-8577 JAPAN. The electronic copy should match the hardcopy exactly.

Publication Charges:

Submitted papers including original manuscripts and reviews will be charged 2,000 yen/printed page. Color pages will be charged at a rate of 6,000 yen/page. An invoice will be sent to the corresponding author after publication of the journal. Page charges will be waived for all invited papers. However, invited papers that exceed 15 pages including figures and tables will be charged for the number of pages above 15 at the same rates described above. Reprints can be ordered at anytime directly from Soubun Publishing Company but the costs must be paid by the authors.

Manuscript Preparation

1) General:

The length of the manuscript should not exceed 30 double-spaced A4 pages, inclusive of figures and tables (10 printed pages). Longer papers may be published if there is sufficient reason and they are approved by the editor. It should be printed on one side of A4 (210 mm × 295 mm) paper, using double spacing and at least 25 mm margins on all sides. A Times New Roman font size of 12 pt is required. The corresponding author should be identified (include telephone, fax number and E-mail address). Full postal addresses must be given for all co-authors. The Editors reserve the right to adjust style to certain standards of uniformity. Authors should retain a copy of their manuscript since we cannot accept responsibility for damage or loss of papers.

2) Text:

Follow this order when organizing manuscripts: Title, Authors, Affiliations, Running title (less than 10 words), Summary, Keywords, Introduction, Main text, Conclusions, Acknowledgements, References, Figure Captions, Tables and then Figures and Illustrations. **Do not import the Figures or Tables into your text.** Place tables at the end of the manuscript file and figures in a separate powerpoint, TIFF, EPS or other similar files. The corresponding author should be identified with an asterisk and a complete address and e-mail address provided. Please do not use footnotes in the title

page or in the manuscript. Only standard abbreviations should be used. Subject specific abbreviations and jargon will not be accepted.

3) Summary:

This should be a brief summary of the contents and conclusions of the paper, and should be approximately 300 words and not contain references.

4) Keywords:

No more than five key word entries should be provided for rapid scanning of the contents of the paper and for compiling the index.

5) Introduction:

The introduction should contain a brief survey of the relevant literature and the reasons for doing the work.

6) Main Text:

The main text should be organized logically following the standard rules of English writing. Subtitles may be used to identify the content of each section.

7) Conclusion:

Briefly summarize the contents of the main text and discuss the importance of the findings presented in the main text. This may also include recommendations and applications.

8) References:

All publications cited in the text should be presented in an alphabetical list of references following the text of the manuscript. In the text refer to the author's name (without initials) and year of publication (e.g. "Since Peterson (1993) has shown that ..." or "This is in agreement with results obtained later (Kramer, 1994)". For three or more authors use the first author followed by "et al.", in the text. The list of references should be arranged alphabetically by authors' names and follow the formats given below. The manuscript should be carefully checked to ensure that the spelling of authors' names and dates are exactly the same in the text as in the reference list. Publications in any other language than English should retain the original title and include an English translation in parentheses. However, publication in non-Latin alphabets should be transliterated, an English translation provided in parentheses and a notation such as (in Japanese) or (in Japanese with English abstract) should be added.

References should be given in the following formats:

Articles: Mateos, L., Mantovani, E.C., Villalobos, F.J., 1997. Cotton response to non-uniformity of conventional sprinkler irrigation. *Irrig. Sci.* 17, 47-52.

Books: Hillel, D., 1971. *Soil and Water-Physical Principles and Process*. Academic Press, NY.

Chapter in a Book: Baker, Jr., 1993. *Insects*. In: De Hertogh, A., Le Nard, M. (Eds.), *The Physiology of Flower Bulbs*. Elsevier, Amsterdam, pp. 101-153.

Government document: Center for Disease Control and Prevention, 1997. *Lyme disease-United States, 1996*. *Morgid Mortal. Wkly Rep.* 46, 531-533.

Internet URL: Steinfeld, H., Gerber, P., Wassenaar, T., Castel, V., Rosales, M., de Haan, C., 2006. *Livestock's Long Shadow: Environmental Issues and Options*. Rome: Food and Agriculture Organization of the United Nations.

<http://www.fao.org/docrep/010/a0701e/a0701e00.HTM>, accessed November 2009.

References to papers "in press" must mean that the article has been accepted for publication.

References to "personal communications" and unpublished work are permitted in the text only; references to papers in preparation or submitted are not permissible.

Illustrations, Line Drawings and Photographs:

All illustrations should be provided as high quality figures suitable for reproduction (which may include reduction). Photographs, charts and diagrams are all to be referred to as "Figure(s)" and should be numbered consecutively in the order to which they are referred. They should accompany the manuscript, **but should not be included within the text**. Figures should be saved as powerpoint, TIFF, EPS or other similar formats. **Do not use word files for figures**. The file(s) for figures should be separate and named as to make clear which figure it is e.g. figs.ppt, fig1.tiff, fig 2.eps, etc. Type the figure number and manuscript authors and title on the bottom of the figure. All figures must have a caption that is supplied on a separate sheet of figure legends (included with the main text) after the references. The figure legend should state concisely what the figure shows. Color figures should only be used when absolutely necessary.

Tables:

Tables should be numbered consecutively and given a suitable caption and included at the end of the text after the figure legends. Footnotes to tables should be typed below the table and should be referred to by superscript lowercase letters. No vertical rules should be used. Tables should not duplicate results presented elsewhere in the manuscript, (e.g. in graphs). Units of measure should always be clearly indicated.

Permissions:

Authors are responsible for obtaining permission from the copyright holder to reproduce any figures for which copyright exists. The source of the material should be credited at the end of the figure legend or in a footnote of the table.

Offprints:

One copy of the journal will be sent to the contributing authors free of charge. PDF of the paper can be obtained free of charge online through J-Stage. URL:<http://www.jstage.jst.go.jp/browse/jdsa/>

Copyright:

Copyright of all articles belongs to the Agricultural and Forestry Research Center, University of Tsukuba, Japan. All authors agree with the "Transfer of Copyright" at the time of submission of an article for publication.

Journal of Developments in Sustainable Agriculture Manuscript Check List

To Authors

Before submitting your manuscript please use the following checklist to confirm that the format is correct and all necessary information is provided.

Confirm by checking the boxes in the right hand column.

Samples are provided in the subsequent pages.

Instructions for authors and recent published papers: <http://www.jstage.jst.go.jp/browse/jdsa/>

Items	Check
Title page	
Title, Name of Author(s), Affiliation and Address, Running Title, and Corresponding Author should be provided.	
Avoid using abbreviations in the title.	
The first (given) and last (family) names of each author should be written in full spelling. Middle name should be written as an initial. Order: first name, middle initial, last name.	
Running title of 10 words or less should be provided.	
Complete institutional address and e-mail address of the corresponding author should be provided.	
Abstract	
Abstract should be 300 words or less and clearly outline the content of the paper.	
Key words (5 words) should be provided below the abstract in alphabetical order, and be different than the title.	
Manuscript	
The manuscript should be written in the order of Title Page, Abstract, Introduction, Main Body, Conclusion, Acknowledgments and References. The main body of independent studies should be written as materials and methods, results and discussion with the conclusions included at the end of the discussion. The main body of review or overview papers should be arranged as subsections and a separate conclusion section. Avoid short incomplete paragraphs.	
Acknowledgments	
Limit acknowledgments to just people and institutions that were directly involved in the specific study. The agency providing the funding should also be acknowledged	
References	
Confirm that all references follow the format of the journal including punctuation, location of the year, etc. See the examples in instructions to the authors and samples provided below.	
References in the text should be written as: ---(Taylor, 1995; Taylor and Tajima, 2000; Taylor <i>et al.</i> , 2004). Taylor <i>et al.</i> (2004) reported--- .	
The list of references must be in alphabetical order by first author's last name. Multiple papers from the same author should use the last name of the second or subsequent authors or the oldest papers first to determine the order in the references. Use standard abbreviations for the journal names.	
Journals	
(Sample) Mateos, L., Mantovani, E.C., Villablobos, F.J., 1997. Cotton response to nonuniformity of conventional sprinkler irrigation. <i>Irrig. Sci.</i> 17, 47-52.	

References for books (Sample) Hillel, D., 1971. Soil and Water-Physical Principles and Process. Academic Press, NY.	
Reference for chapter in a book (Sample) Baker, Jr., 1993. Insects. In: De Hertogh, A., Le Nard, M. (Eds.), The Physiology of Flower Bulbs. Elsevier, Amsterdam, pp. 101-153	
Reference for government document: (Sample) Center for Disease Control and Prevention, 1997. Lyme disease-United States, 1996. Morbid Mortal. Wkly Rep. 46, 531-533.	
Reference for Internet URL: (Sample 1) FAO, 2006. <i>The State of Food Insecurity in the World (2006)</i> . Eradicating world hunger – taking stock ten years after the World Food Summit. http://www.fao.org/docrep/009/a0750e/a0750e00.HTM (accessed October 10, 2008). (Sample 2) Steinfeld, H., Gerber, P., Wassenaar, T., Castel, V., Rosales, M., de Haan, C., 2006. Livestock’s Long Shadow: Environmental Issues and Options. Rome: Food and Agriculture Organization of the United Nations. http://www.fao.org/docrep/010/a0701e/a0701e00.HTM (accessed October 15, 2008).	
References to internet accessed documents should include as much information as possible to ensure readers can access the information. Double check to confirm the URL address provided is working and can be used to access the information.	
All papers cited in the text must be listed in the References.	
All papers in the References must be cited in the text.	
Papers not yet accepted for publication should not be listed in References (cite in text as “unpublished data”).	
Tables and Figures	
Tables should be in black and white and the style and format follow the instructions for authors and recent issues. Submit the tables on separate pages in a word file (they can be at the end of the manuscript file).	
Abbreviations used in a table must be defined in that table.	
Limit use of color figures to only those absolutely necessary (publication costs are expensive for color pages). Do not use figures from other papers or from webpages unless absolutely necessary and you have obtained permission from the copyright holder. Submit figures as one power point file. A list of figure legends should be provided on a separate page at the end of the manuscript word file.	
Abbreviations used in the figures must be defined in the caption of that figure.	

Journal of Developments in Sustainable Agriculture

Sample Manuscript

Page 1

Title page

Title: Genetic Studies on Tick Ecdysteroid Regulation for Development of Sustainable Tick Control Strategies

Mari Horigane^{1,2} and DeMar Taylor^{1*}

¹Graduate School of Life and Environmental Sciences, University of Tsukuba, Tennodai 1-1-1, Tsukuba, Ibaraki, 305-8572, Japan.

²Research Fellow of the Japan Society for the Promotion of Science.

Running title: Ecdysteroid regulation for sustainable tick control

* Corresponding author: Graduate School of Life and Environmental Sciences, University of Tsukuba, Tennodai 1-1-1, Tsukuba, Ibaraki, 305-8572, Japan. Tel: +81-29-853-4806; Fax: +81-29-853-6617. E-mail address: taylor@sakura.cc.tsukuba.ac.jp

Title:

Nouns should be written as capital letters with no period at the end. The scientific names of animals and plants, and Latin adverbs should be written in italics. Do not use abbreviations.

Authors:

The first (given) and last (family) names of each author should be written in full spelling. Middle name should be written as initials followed by a period. Order: first name, middle initial, last name.

Running Title:

10 words or less.

Corresponding author:

Name, institute, address, e-mail address.

Italics:

The scientific names of animals and plants, and Latin adverbs should be written in italics.

Page 2

Summary

Ticks are exoparasites of mammals and important pests of livestock. Presently, tick control depends on use of acaricides and pesticides commonly used in integrated pest management.

.....

Key words: tick, ecdysteroid, arthropod growth regulator, ecdysteroid receptor, IPM

Summary: should be 300 words or less on page 2 .

Key words: 5 words or less after the summary.

Page 3 and following pages

Introduction

Blood feeding arthropods directly cause great damage to livestock as well as transmit various diseases. Mosquitoes, flies and ticks are the major exoparasites (Peter et al., 2005). Ticks transmit diseases (de Waal, 2000; Mayo and Masika, 2008).

Reference citation in the text:

References in text should be written as last name of the first author and published year in parenthesis. The author's initial should not be included.

If the number of authors of a reference is two, the last names of both authors should be indicated.

If the number of authors of a reference is more than three, only the last name of the first author should be included and other authors indicated by "*et al.*"

Multiple references in a citation should be separated by semicolons and written in order of published year (old to new).

Main Body

Tick life strategies

Ticks are blood feeding acari belonging to the class Arachnida and are classified into three families: Ixodidae, Argasidae and Nuttellidae. Hard ticks live in grassy fields and go through one larval, (Fig. 1; Table 2). Figure 2 shows the numbers of ticks

Conclusions and recommendations for integrated tick management

Genetic analysis provides basic knowledge about the regulation of molting and reproduction in arthropods and may lead to the development of tools for tick control.

Acknowledgements

I thank Takeshi Watanabe and Dr. Osamu Ito of the Japanese International Research Centre for Agriculture Sciences (JIRCAS) for technical support and materials supplied for these experiments. This work was supported by Grant-in-Aid for Scientific Research from.....

If the work is supported by any grants, Acknowledgments should include the research grants.

References

- Capron H. 1884. Memoirs of Horace Capron Volume 2. Expedition to Japan 1871-1875.
http://naldr.nal.usda.gov/NALWeb/Agricola_Link.asp?Accession=capron2.
- Chapman, R.F., 1998. Endocrine system, Chapter 21. In: The Insects. Cambridge University Press., New York (NY), pp. 570-584.
- Chinzei, Y., Taylor, D., Ando, K., 1991. Effects of juvenile hormone and its analogs on vitellogenin synthesis and ovarian development in the soft tick, *Ornithodoros moubata* (Acari: Argasidae). J. Med. Entomol. 28, 506-513.
- Nagai M. 1965. Japanese Universities—Their role in the industrial society. Chuko Shinsho 61. (in Japanese)

References from journals should be written as:

Name of authors (no “and” before the last author), publication year, title, journal name abbreviated, volume, and first and last pages.

The issue number of a journal volume should be omitted.

Reference from books should be written as:

Name of authors, publication year, book name, edition, pp., publisher, published place and published year should be given.

In case of a chapter in a book, “In: title of the chapter and name of editor(s)” should be given.

References should be listed in alphabetical order of the first author's last name.

Multiple references by the same author should be listed by the published year (old to new).

Multiple references by the same author published in the same years should be listed in alphabetical order of the last name of the second or subsequent author.

Figure legends

Fig.1. Summary of hard and soft tick life cycles. La: larva, Ny: nymph. Gray arrows indicate molting without blood feeding from egg to larva. Black arrows indicate blood feeding is necessary before molting can occur.

Captions of the figures should be placed on one page separate from the figures at the end of the manuscript.
Abbreviations used in the figure must be defined in the caption.