## **TAIWANIA** An International Journal of Life Sciences, established 1947

Editor-in-Chief	Chang-Fu Hsieh
Associate Editors	Jiun-Hong Chen, Jer-Ming Hu
Managing Editor	Heng-Chao Liu
Advisory Board	Tseng-Chieng Huang, Chi-Ying Huang

#### Editorial Board Boufford, David

Boufford, David E.; U.S.A.	Lin, Chung-Ping; Taiwan
Chen, Su-Hwa; Taiwan	Lin, Tsan-Piao; Taiwan
Chen, Yung-Reui; Taiwan	Lin, Yao-Sung; Taiwan
Chia, Fu-Shiang; Canada	Liu, Lucia Severinghaus; Taiwan
Chou, Chang-Hung; Taiwan	Ohashi, Hiroyoshi; Japan
Csorba, Gabor; Hungary	Rowley, John R.; Sweden
Ho, Kuo-Chieh; Taiwan	Schmid, Rudolf; U.S.A.
Holte, Karl E.; U.S.A.	Shao, Kwang-Tsao; Taiwan
Huang, Rong-Nan; Taiwan	Shih, Chang-Tai; Taiwan
Huang, Shong; Taiwan	Skvarla, John J.; U.S.A.
Kam, Yeong-Choy; Taiwan	Thorne, Robert F.; U.S.A.
Kao, Wen-Yuan; Taiwan	Tsai, Chia-Yin; Taiwan
Kuoh, Chang-Sheng; Taiwan	<b>Tsai, Chu-Fa</b> ; Taiwan
Kuo-Huang, Ling-Long; Taiwan	Wu, Jiunn-Tzong; Taiwan
Liao, Yung-Feng; Taiwan	Yang, Yuen-Po; Taiwan

*Taiwania* is issued quarterly, in March, June, September, and December, with one volume per year. Papers are published in English with a Chinese abstract.

**Taiwania** is open for papers on all aspects of life sciences. The privilege of publication in the journal is not restricted to members of the institute; contributions from worldwide researchers are welcome. Papers submitted to this journal must be original and have not been published elsewhere. **Instructions to Authors** are notified in the following page. Copies can be obtained from the **Editorial Office**, **Institute of Ecology and Evolutionary Biology, College of Life Science, National Taiwan University, No. 1, Section 4, Roosevelt Road, Taipei 106, Taiwan**. Subscriptions are free, and there is no page charge. *Taiwania* is available online from the website (*http://tai2.ntu.edu.tw/taiwania* or *http://www.press.ntu.edu.tw*) of National Taiwan University since 1988 as well as in the print edition. *Taiwania* is covered by major abstracting and indexing services, such as Biosis, CAB Abstracts.

**Acknowledgements:** *Taiwania* has been honored to be the recipient of the Excellent Academic Journal Award from the National Science Council since 1996. Editorial Board of *Taiwania* acknowledges the National Science Council and National Taiwan University for partial publication cost.

Printed by Tah Jinn Printing Co., Ltd. Taipei, Taiwan.

# TAIWANIA - An International Journal of Life Sciences

## **Instructions to Authors**

#### Scope

Original research papers dealing with any aspects of life sciences are considered for publication.

#### Submission of manuscripts

Authors submitting a manuscript do so on the understanding that the work has not been published before, is not being considered for publication elsewhere and has been read and approved by all authors. Submission of manuscripts by the authors means that the authors automatically agree to assign exclusive copyright to the journal if and when the manuscript is accepted for publication. This manuscript shall not be published elsewhere in any language without the written consent of the journal.

Manuscript of three copies should be submitted to:

Heng-Chao Liu, Managing Editor TAIWANIA Editorial Office Institute of Ecology and Evolutionary Biology National Taiwan University No. 1, Section 4, Roosevelt Road Taipei 106, Taiwan Tel: 886-2-33662512

Or alternatively, submit the manuscript as an email attachment (in Microsoft Word format) to liuhc@ntu.edu.tw

### Form of manuscript

Manuscripts should be in English. Manuscripts should be typewritten, with wide margins of high quality bond paper, using double spacing throughout. The first page should contain only the title and the author's name, address. Correspondent author should include name, address, numbers of phone and fax, and an Email address. A proposed running head of no more than 30 characters and keywords of no more than ten words should be included. The title should be brief and contain words useful for indexing and information retrieval. The second page of the manuscript contains the abstract. Subdivision of articles into Abstract, Key words, Introduction, Materials and Methods, Results, Discussion, Acknowledgements, and Literature Cited, is recommended. Keep acknowledgements short. All pages should be numbered consecutively in the bottom right-hand corner.

#### Tables

Tables should be typed on separate pages, numbered consecutively with Arabic numbers and arranged at the end of the manuscript. All tables must have descriptive headings and should be understandable without reference to the text.

#### Illustrations

Illustrations should be limited to materials essential for the text, and line drawings should be used wherever possible. Previously published illustrations are not accepted except under special circumstances. All figures, whether photographs, micrographs or diagrams, should be numbered consecutively and used unit scale bar. Please submit on separate sheets. Photo- or micrographs which are appearing as a group should be mounted together, with small spaces between the individuals. Line drawings should be submitted as original drawings. They should be drawn clearly in deep-black Indian ink on smooth white paper or Bristol board, the whole no more than the size of  $20 \times 15$  cm. Each illustration should be provided with a concise but descriptive caption. Color

plates may be included at the author's expense. Plan your illustrations for the smallest size possible. Do not submit originals until so instructed.

#### Nomenclature of organisms

Binomial Latin names, with authorities, should be used in accordance with the International Code of Botanical Nomenclature or the International Code of Zoological Nomenclature. Binomials should be italic or underlined in the type-written copy. A brief Latin diagnosis for each new taxon is preferred to a complete Latin description and should be accompanied by appropriate illustrations. A specific name should not be used without an accompanying capitalized generic name. The generic name for each species should be written in full where it first occurs in the text, and again in the summary or abstract. Where the generic name appears frequently in the text it may be abbreviated by using the initial letter.

#### Nomenclature of specimens

The citation of specimens should be concise, and only two collections for each county are recommended. Geographic names are put in order of decreasing political magnitude. Only the essential data concerning each specific locality should be given. Collectors are cited by familial name and collection number. If there is no collection number, the year of collection should be given. Herbaria are designated by its acronym according to the current edition of Index Herbarium.

#### Abbreviation and Units

Use SI units as far as possible. Only standard abbreviations should be used. Abbreviations should be checked for consistency. Periods are used after all abbreviations except metric measures, compass directions, and herbarium acronym.

#### **Literature Cited**

The list of *References* should include only publications cited in the text. The references should be cited in alphabetical order under the first author's name, listing all authors, the date of publication, the full title of the paper, the abbreviated title of the journal, the volume number and the first and last page numbers. References to books should include the number of edition, the name of the publisher, town and country of publication. In the text a reference should be quoted by the author's name and the date placed in brackets, e.g. Chen and Huang (1980) or both author's name and the date placed in brackets, e.g. (Chen and Huang, 1980). Please consult recent articles in the journal for further information.

#### **Proof and Reprints**

For accepted paper, we would like to receive your manuscript and artwork in electronic form, i.e., in a CD. Please **do not** embed figures in Word document. Save vector graphics (line art) in Tagged Image File format (TIF), and bitmap files (half-tones/photographs) in TIF format at 600 d.p.i. (at reproduction size). Combination figures can also be saved in TIF format. Corresponding authors will receive page proof and will be charged for alternations on illustration. Reprints over 50 may be purchased at cost plus postage.

Copyright Assignment Form must be completed for all accepted paper before publication.