
Taiwania *An International Journal of Life Sciences*, established 1947

Editor-in-Chief **Chu-Fang Lo, Andrew H.-J. Wang**
Associate Editors **Chang-Fu Hsieh, Jiun-Hong Chen, Jer-Ming Hu, Chun-Neng Wang**
Managing Editor **Heng-Chao Liu**
Advisory Board **Tseng-Chieng Huang, Chi-Ying Huang**

Editorial Board

David E. Boufford ; USA	Yung-Feng Liao ; Taiwan
Su-Hwa Chen ; Taiwan	Chung-Ping Lin ; Taiwan
Yung-Reui Chen ; Taiwan	Tsan-Piao Lin ; Taiwan
Fu-Shiang Chia ; Canada	Yao-Sung Lin ; Taiwan
Chang-Hung Chou ; Taiwan	Lucia Liu Severinghaus ; Taiwan
Gabor Csorba ; Hungary	Hiroyoshi Ohashi ; Japan
Kuo-Chieh Ho ; Taiwan	John R. Rowley ; Sweden
Karl E. Holte ; USA	Rudolf Schmid ; USA
Rong-Nan Huang ; Taiwan	Kwang-Tsao Shao ; Taiwan
Shong Huang ; Taiwan	Chang-Tai Shih ; Taiwan
Shih-Tong Jeng ; Taiwan	John J. Skvarla ; USA
Yeong-Choy Kam ; Taiwan	Robert F. Thorne ; USA
Wen-Yuan Kao ; Taiwan	Chia-Yin Tsai ; Taiwan
Ling-Long Kuo-Huang ; Taiwan	Chu-Fa Tsai ; Taiwan
Chang-Sheng Kuoh ; Taiwan	Shue-Mei Wang ; Taiwan
Pei-Fen Lee ; Taiwan	Jiunn-Tzong Wu ; Taiwan
Wen-Hsiung Li ; Taiwan	Yuen-Po Yang ; 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 et al.

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 National Taiwan University for providing partial publication cost.

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

Cover Photos: *Pitta nympha*. Photographed by Chia-Ying Ko.

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. For reviewing purpose, please specify your manuscript belong to one of the following category:

1. Anatomy and Morphology
2. Cell Biology and Physiology
3. Ecology, Evolutionary Biology and Animal Behavior
4. Genetics, Molecular and Developmental Biology
5. Biodiversity

Manuscript of **three copies** should be submitted to:

Ms. 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

Or, submit the manuscript as an email attachment (in **Microsoft Word** format) to the Managing Editor (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, full address. Correspondent author should include name, full address, numbers of phone and fax, and an e-mail 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. Abstract should be limited to 250 words. Keep acknowledgements short. All pages should be numbered consecutively in the bottom right-hand corner. The last page must be in Chinese containing the title, the abstract, the key words, the author's name and full address.

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 × 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 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 collected 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, city and country of publication, pages numbers. 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.

-
- Chen, S.-H. and T.-C. Huang. 1980. Aeropalynological study of Taipei Basin, Taiwan. *Grana* **19**: 147-155.
Lin, C.-Y., T. J. Guilfoyle, Y.-M. Chen, R. T. Nagao and J. L. Key. 1974. The separation of RNA polymerase I and II achieved by fractionation of plant chromatin. *Biochem. Biophys. Res. Commun.* **60**: 498-506.
Robson, Narman K. B. 1996. Guttiferae. In: Huang, T.-C. et al. (eds.), *Flora of Taiwan*, 2nd ed. **2**: 694-714. Editorial Committee, Dept. Bot., NTU, Taipei, Taiwan.
Ackery, P. R. and R. I. Vane-Wirght. 1984. *Milkweed Butterflies*, Cornell Univ. Press, New York, USA. 425pp.
Huang, T.-C. 1972. *Pollen Flora of Taiwan*. Dept. Bot., NTU, Taipei, Taiwan. pp. 63-64.
-

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.