

Florida Scientist

MISSION

The *Florida Scientist* is published quarterly by the Florida Academy of Sciences, Inc. a non-profit scientific and educational association. Membership is open to individuals or institutions interested in supporting science in its broadest sense. (Applications may be obtained through the menu on the home page.)

Original articles containing new knowledge, or new interpretations are welcomed in any field as represented by the sections of the Academy, viz., Agricultural and Natural Resource Sciences, Anthropological Sciences, Atmospheric and Oceanographic Sciences, Biological Sciences, Computer and Mathematical Sciences, Environmental and Chemical Sciences, Geology/Hydrology, Medical Sciences, Physics and Space Sciences, Florida Committee on Rare and Endangered Species, Social Sciences, Science Teaching, Urban and Regional Planning. Also, contributions will be considered that present new applications of scientific knowledge to practical problems within the fields of interest to the Academy.

GUIDE FOR AUTHORS

Submission of Papers

Authors are asked to send their manuscript electronically via email attachments (please see below). If the e-mail submission is not acknowledged within 1-2 working days, the submission was not received, and please advise the Editor in an attachment-free note.

When you send your manuscript as an e-mail attachment, please send it as a single file. Do not send Tables, figures, list of figures, etc as separate files.

The corresponding author/submitting author of a *Florida Scientist* manuscript must be a member-in-good-standing of the Academy from submission through its publication, excepting manuscripts for special publications for which membership rules have been suspended by Council. Failure to maintain membership through the entire process will result in loss of the privilege of ten free pages per volume.

Submission of a manuscript implies that it is original work not previously published, that it is not under consideration for publication elsewhere, will not be submitted elsewhere until a decision is made, and that if it is accepted, it will not be published elsewhere in English or any other language without written permission of the Academy's representative.

Those who do research involving human and animal subjects at risk and/or under federal protection are expected to obtain pertinent permissions from the Human Subjects Research Committee or from the Institutional Animal Care and Use Committee (with an A site from Michigan State University's Law School provides a listing of federal and state statutes that govern care of captive animals, collection of specimens, and protection of endangered species: <http://www.animallaw.info/>)

The editors welcome authors to submit names (and addresses and e-mail addresses) of up to four persons who are qualified to expertly review the manuscript and who are not at the same institution as the authors. The Editor reserves the right to contact these or other reviewers of their choice.

Manuscript Preparation

General: You may submit your manuscript by e-mail as an electronic attachment [tmanning@valdosta.edu].

All typewritten material --- including the title, authors' names, addresses, abstract, text, Literature Cited, Tables, and figure captions – must be double-spaced. Margins should be at least 3 cm all around. Please number the pages through the Literature Cited section. Omit **bold** type throughout. Tables and figures must be on separate sheets, not inserted in the text. Figure captions must be on a separate sheet. Please follow the format of the *Florida Scientist* as closely as possible.

Length: Papers in excess of ten printed pages per volume by an author will result in page charges (current rate \$60 per page) for excess pages.

Format: Please see a recent issue for the general format.

Length of Title: Kindly keep the length of your article title to less than 20 words (including “a”, “of”, and “the”).

Abstracts: There should be an abstract of no more than 200 words.

Key Words: These will be placed just below the abstract.

Text: The first word of the text is capitalized.

Units: Use metric units for all measurements.

Symbols: The Latin name must be given for all plant and animal species. Use trade names only when preceded by the chemical or scientific name; then trade names, common name, or abbreviations may be used.

Illustrations:

Line drawings: We need good quality printouts on quality paper. Drawings should be large enough to allow for reduction (one-third or one-half) in size. Illustrations are charged to authors; current cost (subject to change without notice) is \$16.00 for halftones and \$11.00 for line art.

The author's name and figure number should be penciled lightly on the back of each figure.

Color: When color printing is desired, the author is encouraged to check with the Florida Scientist Business Manager to obtain an estimate of the cost that will be charged to the author.

Figure Legends: Figure legends must be listed together on a separate page and not on the back of the illustrations or photographs. The legend must be double-spaced.

Tables: Tables should be typed on separate sheets of paper and double-spaced throughout. Each table will contain a short heading. Do not use vertical rulings. Maximum character width, including spaces, of tables is 98.0, which includes a minimum space of five

characters between columns.

References: Each publication cited in the text should be given in the Literature Cited section following the text. In the text, refer to the author's name and year of publication: "since Smith (1923) has demonstrated..." or "This is in agreement with subsequent observations (Jones, 2001)" For three or more authors : "Since Smith and co-workers (1991) reported..." or "because of more recent observations (Smith et al., 2001)..." Personal Communications: cite author, year in text; see Reference Style Guide for the format to be used in Literature Cited section. Double- space every line.

References listed should follow the format given in the Reference Style Guide (below).

Copyright

All authors (except employees of federal government agencies) must sign a "Transfer of Copyright" agreement before an accepted manuscript can be published. This agreement enables the Florida Academy of Sciences to protect the copyrighted material for authors, without an individual author relinquishing proprietary rights. The agreement covers the exclusive rights to reproduce and distribute the article, including reprints, photographic reproductions, microfilm, or other reproductions of a similar nature, and translations.

Proofs

Proofs of accepted manuscripts will be sent to the senior author (first named if no corresponding author is identified in multi-author papers) and should be returned to the editors within 48 hours of receipt. Restrict corrections to typesetting errors; other changes will be charged to the author.

Reprints

A reprint order form with instructions will accompany the proofs. Please see a recent issue for the general format, portions of which are indicated here:

Representative example of format: Chemical Sciences (or pertinent area)

EFFECT OF LIGHT QUALITY ON THE PRODUCTION OF...

A. WYNKEN⁽¹⁾, B. BLINKEN⁽²⁾, AND A. NODD⁽³⁾

⁽¹⁾ Department of Chemistry, Major University, South Fork, Texas 77777

⁽²⁾ Department of Pharmacology, Big Time University, Tampa, 33620

⁽³⁾ Department of Physical Education and Therapeutics, Major College, Grinnell, Iowa 50112

ABSTRACT: This is a summary of 35 significant experiments... that provided the information leading to the total elucidation of the mechanism, of the Bursa Reaction.

Key Words: Mechanism, photochemicals....

REMARKABLE few examples have been observed of the reverse Bursa Reaction, but sufficient examples have been observed of the traditional Bursa Reaction as to...

This paper summarizes the latest experiments in this area

MATERIALS AND METHODS --*Sources of reagents* --

RESULTS ---

DISCUSSION

ACKNOWLEDGMENTS

LITERATURE CITED

Reference Style Guide

Note author names, editor names are in small caps

Two authors and Univ. Press Publ.:

SHANNON, C. E. AND W. WEAVER. 1949. *The Mathematical Theory*. Univ. Illinois Press, Urbana, IL.

Single author/repeated citation:

SHAFLAND, P. L. 1996. Status of exotic fishes in Florida. *Rev. Fish. Sci.* 42(2): 101-122.

_____ AND J. M. PESTRAK. 1982. Lower lethal temperatures for fourteen non-native fishes in Florida. *Environ. Biol. Fish.* 7(2):149-156.

Use of Jr. or IV:

BECK, T. M., Jr. 1990. I am stuck. *Florida Scient.* 53: 275-278.

Use of de:

SYLVA, D. de. 1980. Fishes in a lake. *Spec. Publ. Mar. Lab. Univ. Miami*, 13: 1-5.

Use of In & (ed) Selection in a book:

FOGEL, T. 1974. Toad marine animals. Pp. 4-5. *In: MILLER, A. (ed.), Mosses in Marine Environments*. U.S. Govt. Printing Office, Washington, D. C.

Three or more authors/repeated citation:

WHITTIER, H. O., W. K. TAYLOR, AND A. MILLER. 1978. Liverworts of Florida. *Amer. J. Mid. Nat.* 88: 3-5.

_____, W. K. TAYLOR, AND A. MILLER. 1978. Liverworts on bird's legs. *Auk*. 2: 1-9.

Edition of book:

HILL, J. W. 1984. *Chemistry for Changing Times*, 4th ed., Burgess, Minneapolis, MN.

Book & volume number:

COOK, J. R. 1979. Birds in Remarkable Southern United States Locations, Vol. 1, Martin Press, Miami, FL.

Thesis/dissertation:

BLEICK, C. R. 1970. The Storm. Masters thesis. Univ. California. Berkeley, CA.

BLEICK, C.R. 1973. The Low-down on the High-ups of the Middle Ionian Period . Ph.D. dissert. Florida State Univ. Tallahassee, FL.

Editor of book:

CAMPBELL, B. (ed.) 1978. Snakes. Aldine, Chicago, IL.

Reprint edition:

CAMPBELL, B. 1978. Snakes of the World. Reprint. Macmillan, New York, NY.

Personal communication:

GEIGER, C. D. 2004. Dept. Chem., University of Central Florida, Orlando, FL, Pers. Commun.

Internet items:

SMITH, J. 2009. Father Sanchez's Web Site of Western Indian Natural History. From the Primordial Slimes (updated 9/13/2007). <http://www.kingsnake.com/westinmdian/>. Accessed: October 20, 2007.

EDITOR

Dr. Thomas J. Manning, Editor
Valdosta State University
Bio-Chem Building
1500 Patterson Avenue
Valdosta, GA 31698

Tel: 229-333-7178

e-mail: tmanning@valdosta.edu

BUSINESS MANAGER

Dr. Richard L. Turner
Department of Biological Sciences
Florida Institute of Technology
150 West University Boulevard
Melbourne, FL 32901-6975

Tel: 321: 674-8196

FAX: 321:674-7238

e-mail: rturner@fit.edu