Front Matter
THE OHIO JOURNAL OF SCIENCE

ISSN 0030-0950

Editorial Policy

General
THE OHIO JOURNAL OF SCIENCE considers original contributions from members and non-members of the Academy in all fields of science. While special consideration will be given to manuscripts concerned with Ohio subject matter, other reports with scientific merit will be reviewed for publication. Submission of a manuscript is understood to mean that the work is original and unpublished, and is not being considered for publication elsewhere. All manuscripts considered for publication will be peer-reviewed. The opinions expressed by reviewers are their own, and do not represent the views of the Ohio Academy of Science or THE OHIO JOURNAL OF SCIENCE.

Page Charges
Publication in The Ohio Journal of Science requires authors to assist in meeting publication expenses. These costs will be assessed at $85 per page for members of the Academy and $120 per page for nonmembers. In multi-authored papers, each author must be a member of the Academy at the time of publication to be eligible for the reduced member rate. Papers that exceed 12 printed pages may be charged full production costs.

Submission
Please submit two copies of manuscripts and illustrations accompanied by a CD-ROM with a text file in MS Word and separate files of each illustration in tiff format in accord with current guidelines posted at http://www.ohiosci.org/ojsinstr.htm. Original photographs or transparencies and high resolution line art prints of maps or graphs are also acceptable. Additionally, as accessible from the guidelines web page, the following forms must be submitted with the manuscript: (1) affirmation of originality, (2) copyright transfer and (3) page charge acceptance.

Please submit all materials to:

MANUSCRIPT PROCESSING
The Ohio Journal of Science
1500 W. Third Ave., Ste. 228
Columbus, OH 43212-2817

For technical questions about electronic formats or other details for submission, contact:

Phone: 614-488-2228
Fax: 614-488-7629
Email: oas@iwaynet.net

Please contact the acting editor directly for general questions regarding content or appropriateness of submission:

MR. LYNN E. ELFNER, Acting Editor
The Ohio Journal of Science
The Ohio Academy of Science
1500 W. Third Ave., Ste. 228
Columbus, OH 43212-2817 USA

Phone: 614-488-2228
Fax: 614-488-7629
Email: oas@iwaynet.net

Failure to Receive THE JOURNAL
Any claim of failure to receive subscription issues of THE JOURNAL must be submitted to the Ohio Academy of Science within six months of date of issue of the missing number, to be recognized.

Listing Services
THE OHIO JOURNAL OF SCIENCE is listed or abstracted in several sources including:

AcadSci Abstracts
Bibliography of Agriculture
Biological Abstracts
Chemical Abstracts
Current Advances in Ecological Sciences
Current Contents (Agriculture, Biology & Environmental Sciences)
Deep Sea Research and Oceanography Abstracts
Environment Abstracts
Environmental Information Center
Forest Products Abstracts
Forestry Abstracts
Geo Abstracts
GEOBASE
Geology Abstracts
GeoRef
Helminthological Abstracts
Horticulture Abstracts
Nuclear Science Abstracts
Review of Plant Pathology
Selected Water Resources Abstracts
World Agricultural Economics and Rural Sociology Abstracts

FUTURE ACADEMY MEETINGS

2009  April 17-18-19 at Wittenberg University
2010  April 9-10-11 at Ohio Northern University

Typesetting, Page Layout, and Editorial Proofreading — Debra McLean

Date of Issue — June 2008
Copyright © 2008 by The Ohio Academy of Science
Printing — Printing Arts Press, Mount Vernon, OH USA

The Ohio Journal of Science
Knowledge Bank
*Since 1900

Versum Materials, Inc.
United States

Ohio State University Libraries and Office of the Chief Information Officer
www.ohiosci.org/ojs.htm
ARTICLES

2 Influence of Flood Connectivity on Bottomland Hardwood Forest Productivity in Central Ohio by C. Anderson and W. Mitsch

9 Impact of North American Beaver (Castor canadensis) on Forest Plant Composition in the Wilds, A Surface-Mined Landscape in Southeastern Ohio by B. Voelker and J. Dooley, Jr.

16 Distribution and Changes in Abundance of Ailanthus altissima (Miller) Swingle in a Southeast Ohio Woodlot by A. Espenschied-Reilly and J. Runkle