Front Matter
THE OHIO JOURNAL OF SCIENCE
ISSN 0030-0950

Editor ................................................................. Thomas E. Wissing
Assistant Editor ....................................................... Lois E. Nelson

Editorial Board — Liberato J. A. DiDio, Rosanne W. Fortner, Lazarus Walter Macior, Robert J. Malcuit, Roy W. Rings


EDITORIAL POLICY

THE OHIO JOURNAL OF SCIENCE considers original contributions from members and non-members of the Academy in all fields of science. Special consideration will be given to Ohioana. Submission of an article is understood to mean that the article is original and unpublished and is not being considered for publication elsewhere. All manuscripts will be critically reviewed. It should be understood that the opinions expressed by the reviewers are their own, and do not represent the views of the Ohio Academy of Science or THE OHIO JOURNAL OF SCIENCE. Manuscripts and illustrations should be prepared in triplicate in accord with instructions published in at least one issue each year and submitted to Dr. Thomas E. Wissing, Editor, THE OHIO JOURNAL OF SCIENCE, Department of Zoology, Miami University, Oxford, OH 45056.

Publication in THE OHIO JOURNAL OF SCIENCE requires consideration of editorial costs. These will be assessed at $70 per page for members and $105 per page for non-members. Papers in excess of 12 printed pages may be charged full production costs. A page charge bill will be sent by the Ohio Academy of Science at the time of publication.

Unsupported authors may request a waiver of page charges and will be asked to supply statements from their supervisor (department chairman, their adviser in the case of graduate students, and dean) that institutional and grant funds are not available. The Academy can only subsidize a few papers per year.

Failure to receive any number of the JOURNAL must be reported to the Ohio Academy of Science within six months of the date of issue for the claim to be recognized.

THE OHIO JOURNAL OF SCIENCE (ISSN 0030-0950) is published in March, April (Annual Meeting Abstracts issue), June, September, and December by The Ohio Academy of Science, 445 King Avenue, Columbus, Ohio 43201. Second-class postage paid at Columbus, Ohio. Individual membership and subscription: $27. Domestic institutional subscription: $30. Foreign institutional subscription: $35. Single issues for Academy members and subscribers: $6; others: $8.

POSTMASTER: Send address changes to THE OHIO JOURNAL OF SCIENCE, 445 King Avenue, Columbus, OH 43201.

FUTURE MEETINGS

April 28, 29 and 30, 1989 Cuyahoga Community College
April 27, 28 and 29, 1990 Wright State University
May 1, 2 and 3, 1992 The University of Akron

Date of Issue — December 1988
Copyright © 1988 by The Ohio Academy of Science
Typesetting — Beacon Graphics Corp., Ashland, Ohio 44805 Printing — Lesher Printers Inc., Fremont, Ohio 43420
THE OHIO JOURNAL OF SCIENCE

Vol. 88  December, 1988  No. 5

TABLE OF CONTENTS

R. W. Volpi and J. P. Szabo  174  Influence of Local Bedrock on the Clay Mineralogy of Pre-Woodfordian Tills of the Grand River Lobe in Columbiana County, Ohio


R. W. Dexter  184  The Early Career of John L. Riddell as a Science Lecturer in the 19th Century

B. W. Smith and J. Hiltner  189  Changing Intraurban Location of the Elderly and Access to Nutrition Services: A Case Study of Toledo, Ohio

G. T. Herrick  192  Relationships Between Soil Salinity, Sap-Sugar Concentration, and Health of Declining Roadside Sugar Maples (*Acer saccharum*)

X. Yu and J. L. Crites  195  A Scanning Electron Microscopic Study of Eggshell Surface Topography of *Leidynema portentosae* and *L. appendiculatum* (Nematoda: Oxyuroidea)

C. A. Stewart  198  Diet of the Rainbow Darter (*Etheostoma caeruleum*) in Rock Run, Clark County, Ohio

I. A. Ungar  200  A Significant Seed Bank for *Spergularia marina* (Caryophyllaceae)

F. L. St. John  202  Distribution and Status of *Orconectes (Rhoadesius) sloanii* (Bundy) (Crustacea: Decapoda: Cambaridae)

R. V. Smith and R. A. Lewis  204  Book Reviews

207  Necrology

212  Officers, Committees and Academy Representatives for 1988—1989

214  Index to Volume 88

219  Table of Contents, Volume 88