Front Matter
Geology and Land Reclamation  Murray R. McComas  65
Theoretical Considerations of Genetic Regulation of Granulopoiesis................. James D. Graham  75
Information on the Velocity and Flow Pattern of Detroit River Water in Western Lake Erie Revealed by an Accidental Salt Spill Thomas L. Kovacik  81
Age Determination of a Glacial Erratic in Columbus, Ohio Robert L. Peters and Gunter Faure  87
An Annotated List of the Amphibians and Reptiles of Hardin County, Ohio Charles R. Blem  91
Survey of \(^{87}\text{Sr}/^{86}\text{Sr}\) Ratios and Total Strontium Concentrations in Ohio Stream and Ground Waters Alan M. Stueber, Paul Pushkar, and A. Dwight Baldwin  97
Precambrian Quartzo-Feldspathic Gneiss from the Herman 1A Well, Erie County, Ohio Martin E. Ross  105
Pollination Ecology of Castilleja in Mount Rainier National Park W. James Duffield  110
Photosynthetic Response with Respect to Light in Three Strains of Lichen Algae Ray E. Showman  114
Endelocrinus kieri in the Pennsylvanian of Nebraska J. J. Burke  118
The Transient-Zone in the Human and Mouse Adrenal Oland... Martha E. Sucheston and M. Samuel Cannon  120
Book Reviews...................................................... 90, 109, 127–128
THE OHIO JOURNAL OF SCIENCE
Published jointly by The Ohio State University and The Ohio Academy of Science.

JOURNAL STAFF
JANE L. FORSYTH............................Editor-in-Chief
EMANUEL D. RUDOLPH......................Book Review Editor

JOINT ADMINISTRATIVE BOARD
For The Ohio State University: FRANK W. CHORPENNING, WAVE H. SHAFFER
For The Ohio Academy of Science: DOUGLAS H. MACKENZIE, RICHARD J. ANDERSON
Secretary-Treasurer to the Board: GEORGE H. CROWL

EDITORIAL ADVISORY COMMITTEE
Zoology: DAVID H. STANSBERY
WILLIAM B. JACKSON

Plant Sciences: RONALD L. STUCKEY

Geology: RICHARD D. HOARE

Medical Sciences: SUE L. MAYER

Physics: EDGAR B. SINGLETON

Chemistry: IVAN E. DEN BESTEN

Anthropology: RAYMOND S. BABY

MANUSCRIPTS: The Ohio Journal of Science considers manuscripts on any scientific subject from contributors anywhere. The manuscripts may be papers or notes on recent research or symposia on subjects of scientific interest. Every paper is critically reviewed by at least one and usually two reviewers, and is subject to the approval of the editorial staff. Two copies each, of manuscript and figures, should be submitted to the Editor. A carbon copy should be retained by the author for reading the galley proof. Galley proof and engraver's proof but not original manuscript will be sent to authors. See past numbers of the Journal and the Style Manual for Biological Journals for detailed instructions concerning the preparation of manuscripts.

REPRINTS: A price list for reprints and an order form are sent with proof. Authors should allow about sixty days after publication for receipt of reprints.

SUBSCRIPTIONS: Annual subscription $10.00 (foreign countries, $10.50). Single numbers: $2.25; single volumes (six numbers): $12.00; runs of ten or more volumes: $10.00 per volume. Issued bimonthly, January to November, six issues per volume. The Ohio Journal of Science is sent without additional expense to all paid-up members of The Ohio Academy of Science.

MAILING ADDRESSES: The editorial offices of The Ohio Journal of Science are at the Geology Department, Bowling Green State University, Bowling Green, Ohio 43403. All manuscripts, illustrations, proofs, and correspondence dealing with editorial matters should be addressed to the editor, Dr. JANE L. FORSYTH, at this place. All correspondence dealing with subscriptions, changes of address, requests for old issues, and all remittances should be addressed to the Central Office of The Ohio Journal of Science at 445 King Avenue, Columbus, Ohio 43201. Failure to receive any number of the Journal must be reported to this office within three months of date of issue if claim is to be recognized. All correspondence dealing, with the matters of business policy should be addressed to the Secretary-Treasurer, Dr. GEORGE H. CROWL, Department of Geology, Ohio Wesleyan University, Delaware, Ohio 43015. Book Review Editor is Dr. Emanuel D. Rudolph, whose office is at the Botany Department, The Ohio State University, 1735 Neil Avenue, Columbus, Ohio 43210.

Printed by the Spahr & Glenn Company, Columbus, Ohio, U. S. A.

Second Class Postage Paid at Columbus, Ohio

Date of Issue—June 28, 1972