The OHIO JOURNAL OF SCIENCE considers original contributions from members and non-members of the Academy. Special consideration will be given to short papers and to Ohioana. All manuscripts will be critically reviewed and are subject to the approval of the Editorial Committee. 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 OHIO JOURNAL OF SCIENCE. Manuscripts and illustrations should be prepared in triplicate and submitted to the Editor, OHIO JOURNAL OF SCIENCE, Department of Physiology, Ohio State University, 1645 Neil Avenue, Columbus, Ohio 43210.

EDITORIAL CHARGES: Publication in the OHIO JOURNAL OF SCIENCE requires consideration of editorial costs. These will be assessed at $35 per page for the first 12 printed pages and $95 per page (full production costs) for each page in excess of 12. Members of the OHIO ACADEMY OF SCIENCE, however, will have a non-accumulative credit of 3 free pages per volume. In multi-authored papers, each author must be a member of the OHIO ACADEMY OF SCIENCE at the time of publication to be eligible for page credit. Brief Notes that include illustrations are subject to the cost of preparing the figures for publication.

SUBSCRIPTIONS: Annual dues of active members of the OHIO ACADEMY OF SCIENCE include a subscription to the OHIO JOURNAL OF SCIENCE. Regular annual subscription to the OHIO JOURNAL OF SCIENCE is $18 (outside the continental United States—$19.50). Single issues for Academy members are $3 each, for non-members, $3.50. Discounts are available for bulk subscriptions. The OHIO JOURNAL OF SCIENCE is issued in Jan., Mar., Apr., May, July, Sept. and Nov.

BUSINESS OFFICE: Payments should be made to the OHIO ACADEMY OF SCIENCE, 445 King Avenue, Columbus, Ohio 43201; Telephone: (614) 424-6045.

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. Correspondence dealing with matters of business policy should be addressed to the Business Manager, Joseph D. Laufersweiler, Department of Biology, University of Dayton, Dayton, Ohio 45409.

Printed by the Spahr & Glenn Company, Columbus, Ohio, U.S.A.
Second Class postage paid at Columbus, Ohio
Date of Issue—July 21, 1979
Copyright © 1979 by The Ohio Academy of Science
ISSN 0030-0950
TABLE OF CONTENTS

146 Announcements

147 Officers, Committees, and Academy Representatives for 1979-80

K. S. Taylor and G. Faure

149 Mineral Composition, 87Sr/86Sr Ratios, and Concentrations of Strontium and Rubidium in Late Wisconsin Till of Ohio

L. D. Norton

160 Soils Developed From the Kope Geologic Formation

J. R. Ray

164 Changes in the Stability Characteristics of Ohioans' Attitudes Toward Strip Mining, 1970-75

G. D. McKenzie

170 Preservation of Selected Unreclaimed Strip-Mined Lands in Ohio

G. H. Irvin and K. C. Hoedt

174 Study of the Remediation of Deficiencies in Auditory Perception

R. M. Crowell and C. Davids


186 Mutual Solubilities of ZnGa2S4 and MnGa2S4 at 800 °C

189 Necrology