THE OHIO JOURNAL OF SCIENCE

JULY, 1953

TABLE OF CONTENTS

The Romance of Domesticated Plants............. Glenn W. Blaydes 193
John Heckewelder's 'Toads' (April 25th, 1773),

August C. Mahr 217

A Change in the Editor of the Journal..................... 219
The Ohio Journal of Science Award for Excellence in Research... 220
Currents in Lake Mendota, Wisconsin,

James L. Verber, R. A. Bryson, and V. E. Suomi 221

Some New Species of Protalebra from Mexico (Homoptera:
Cicadellidae)........... Robert F. Ruppel and Dwight M. DeLong 226

Relationship of Sphaerium solidulum Prime to Organic Pollution,
William M. Ingram, Dwight G. Ballinger, and Arden R. Gauvin 230

Factors Affecting the Economics of Soil Conservation,

R. H. Blosser 236

A Volumeter for Respiration of Aquatic Animals,

Thomas B. Calhoon and Clifford A. Angerer 240

Annual Report of the Ohio Academy of Science................. 244

PUBLISHED AT COLUMBUS, OHIO

by

THE OHIO STATE UNIVERSITY and the OHIO ACADEMY OF SCIENCE

Issued Bi-monthly, January to December (six issues)
Entered as second-class matter November 1, 1915, at the post office at Columbus, Ohio
under the Act of March 3, 1879.
MANUSCRIPTS. The Ohio Journal of Science accepts manuscripts on any scientific subject from contributors living anywhere in the world. The manuscripts may be reports of recent research, review or expository articles, or part of a symposium on a subject of general scientific interest. All manuscripts are subject to approval by the editorial staff.

Manuscripts should be typewritten, double-spaced, on one side of 8½” x 11” paper with pages numbered consecutively. Underline words to appear in italics. Tables and explanations of figures should be on separate pages at the end. Tables should be referred to in text as “table 1” or “(table 1)”; figures should be referred to in text as “figure 1” or “(fig. 1).” Footnotes should be avoided by enclosing the note in parentheses in the text or by referring to literature cited. References to literature cited should be typed to conform with the following example and referred to in text as Paterson (1940) or (Paterson, 1940). Paterson, J. S., 1940. Antigenic structure of organisms of the genus Listeria. J. Path. Bact., 51: 427-436.

ILLUSTRATIONS. Illustrations may be either photographs or line drawings and should be sent with the manuscripts if possible. All illustrations are referred to as “figures.” Each figure or collection of figures in a plate should be identified along the bottom edge with author’s name, figure number, and size after reproduction, and on the back with author’s name and title of manuscript. Figures should be identified by unique consecutive numbers. Explanations of figures should be typed on separate sheets of paper included with manuscript, not affixed to the figures. If magnifications are stated, they should apply to the reduced figures. The cost of halftones and zinc etchings will be borne by the Journal. Use of illustrations not original with the author must bear permission for use and credit to the originator. Figures should be planned so that after reduction they will occupy the width of the page (4½”) and any portion of the length (7½”).

REPRINTS. A price list for reprints and an order form are sent with proof.

SUBSCRIPTIONS. Annual subscription, $4.00, (foreign countries $4.50). Single number, $1.00. One volume appears each year and contains six numbers. The Ohio Journal of Science is sent without additional expense to all paid-up members of the Ohio Academy of Science.

MAILING ADDRESS. All manuscripts, illustrations, proofs, and correspondence dealing with editorial matters should be addressed to the editor, DR. RICHARD H. BÖHNING, Botany and Zoology Building, The Ohio State University, Columbus 10, Ohio. All remittances and correspondence dealing with subscriptions and other business matters should be addressed to the business manager, DR. RICHARD A. POPHAM, Botany and Zoology Building, The Ohio State University, Columbus 10, Ohio. Failure to receive any number of the Journal must be reported within three months of date of issue if claim is to be recognized.