
Paul M. Daniel 241

A Biosystematic Study of *Silphium integrifolium* Michaux (Compositae)

Wilbur J. Settle and T. Richard Fisher 254

Airborne Radar Sounding of the Greenland Ice Sheet

Edmund F. Pawlowicz 266

The Synthesis and Diazotization of Some Ketone Hydrazones

B. L. Hawbecker, R. J. Gladon, R. H. Hitchcock, D. H. Nordeen, and L. R. Wyles 276

Ohio’s Burley Tobacco Agriculture: A Primary Regional Cash Crop

W. Robert Jencks 285

Yoked Control Versus Random Reinforcement: A Comparison of Experimental Designs

Thomas O. Hoover and Robert Deitchman 291

Avian Cholera in a Bald Eagle From Ohio

L. N. Locke, J. A. Newman, and B. M. Mulhern 294

A Lower Devonian (Oriskany) Brachiopod with Color Markings

James L. Murphy 296

A New Species of *Agrilus* from Arizona (Coleoptera: Buprestidae)

Josef N. Knull 299

Life History Studies of *Gonomea podocarpi Aurivillius* (Lepidoptera: Lasiocampidae) in East Africa

Ochong’ Okelo 301

Book Notices 253, 265, 275, 284, 304
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—December 14, 1972