Front Matter
THE OHIO
JOURNAL OF SCIENCE

NOVEMBER, 1949

TABLE OF CONTENTS

Japan as Seen by a Foreigner .................. Henry Ludmer 209
A Climatic Study: Lexington, Kentucky ...... Harry K. Hutter 221
Morphology of Spironema fragrans Lindl. . . . H. H. M. Bowman 230
Some Recent Records of the Fresh-Water Jellyfish Craspedacusta sowerbii from Ohio and Pennsylvania, Ralph W. Dexter, Thomas C. Surrarre and Charles W. Davis 235
A Manometric Pipetting Device ............... Bertil G. Anderson 242
New Species of New World Baccha ............. F. M. Hull 244
A Tabulation of Ohio Bobwhite Quail Foods ... Vincent Schultz 247
Index to Volume XLIX .......................... 251

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. Preference will be given to original manuscripts pertaining to Ohio Science. Articles covering not more than fifteen to twenty pages of the Journal are preferred, although longer articles may be printed. Contributors need not be associated with either the Ohio State University or the Ohio Academy of Science, nor need their contributions deal with the State of Ohio. Manuscripts are subject to the approval of the editor.

ILLUSTRATIONS. When illustrations form part of an article they should preferably accompany the manuscript. If their size does not make this convenient, they should be sent in a separate package properly labeled as to the article for which they are intended. Either half-tones or zinc etchings can be published, half the cost of the cuts being borne by the contributor. They are made under the supervision of the Journal and a bill is then rendered by the Journal to the contributor. All illustrations should be made with a view to having them appear within the limits of the printed form.

PROOF. Galley proof will be sent to contributors. It should be returned promptly in order to avoid any disappointment in the matter of publication. Care should be taken to furnish a correct mailing address. The Journal will not assume responsibility for loss of manuscript or proof in the mails.

REPRINTS. A price list for reprints and an order form is sent with proof. This should be returned with the proof. No reprints are furnished free of charge. Shipments will be made upon payment of bills rendered for reprints and cuts.

SUBSCRIPTIONS. The Annual subscription is $4.00, (foreign countries, $4.50). Single numbers, $1.00. One volume appears each year and contains six numbers.

By special arrangement with the Ohio Academy of Science, the Ohio Journal of Science is sent without additional expense to all members of the Academy who are not in arrears for annual dues.

MAILING ADDRESS. All manuscripts, illustrations, proofs and correspondence dealing with editorial matters should be addressed to Dr. Glenn W. Blaydes, Botany and Zoology Building, Ohio State University, Columbus 10, Ohio.

All remittances, correspondence dealing with subscriptions, reprints and other business matters should be addressed to Dr. Richard A. Popham, Botany and Zoology Building, Ohio State University, Columbus, 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.
THE OHIO JOURNAL OF SCIENCE

ADMINISTRATIVE BOARD
For Ohio State University
BERNARD S. MEYER
EDMUND M. SPIEKER
For The Ohio Academy of Science
R. A. HEPNER
WILBUR M. TIDD

EDITORIAL STAFF
GLENN W. BLAYDES.................................................Editor-in-Chief
RICHARD A. POPHAM.............................................Business Manager
J. B. PARK.................................................Agronomy
R. A. KNOUFF.............................................Anatomy
H. H. M. BOWMAN........................................Botany
R. C. BURRELL........................................Chemistry
E. LUCY BRAUN..........................................Ecology
F. C. WAITE........................................Embryology
G. D. HUBBARD..................................Geography
J. ERNEST CARMAN..................................Geology
W. H. SHIDELER................................Paleontology
F. A. HITCHCOCK...................................Physiology
E. R. HAYHURST................................Public Health
GEORGE M. CURTIS, Surgery Research
R. V. BANGHAM................................Zoology

THE OHIO JOURNAL OF SCIENCE
Is published jointly by the Ohio State University and the Ohio Academy of Science.