THE OHIO
JOURNAL OF SCIENCE
(Continuation of "The Ohio Naturalist")

Official Organ of the
OHIO ACADEMY OF SCIENCE
and of the
OHIO STATE UNIVERSITY SCIENTIFIC SOCIETY

JANUARY, 1921

TABLE OF CONTENTS

MITRA—Seasonal Changes and Translocation of Carbohydrate Materials in Fruit Spurs and Two-year-old Seedlings of Apple................................................................. 89
WEISS—Notes on the Life History and Early Stages of Cory-thuca Celtidis O. & D................................................................. 104
KNIGHT—Hemiptera of the Family Miridæ................................. 107

Published by the
OHIO STATE UNIVERSITY SCIENTIFIC SOCIETY
COLUMBUS

Annual Subscription, $2.00
Single Number, 35 Cents

Issued Monthly, November to June (eight numbers)
Entered at the Post-Office in Columbus, Ohio, as second-class matter.
THE OHIO JOURNAL OF SCIENCE

EDITOR
Frederic H. Krecker

ASSOCIATE EDITORS
James S. Hine  Jay B. Park

EDITORIAL BOARD

OHIO STATE UNIVERSITY SCIENTIFIC SOCIETY

T. G. Phillips………………Agricultural Chemistry
F. W. Irvin………………Agricultural Engineering
F. L. Landacre……………Anatomy
J. H. Schaffner…………Botany
C. B. Hare………………Ceramic Engineering
J. R. Withrow……………Chemistry
F. H. Eno………………Civil Engineering
J. B. Park………………Farm Crops
N. W. Scherrer…………Forestry
T. M. Hills………………Geology

OHIO ACADEMY OF SCIENCE

E. A. Budington……………Zoology
Bruce Fink………………Botany
F. C. Waite………………Medical Sciences

Manuscripts.—The Ohio Journal of Science is devoted to the publication of articles dealing with any branch of science. Contributions will be received without respect to membership in the Ohio State University Scientific Society or the Ohio Academy of Science. Manuscripts are subject to the approval of the editor. Articles covering not more than fifteen pages will be given preference, although longer articles may be printed. The cost of cuts and of all reprints must be borne by the contributor.

Business Matters.—The Ohio Journal of Science is owned and controlled by the Ohio State University Scientific Society. By a 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.

Address.—The address of both the Editor and the Business Manager is THE OHIO JOURNAL OF SCIENCE, Ohio State University, Columbus.

Ohio Academy of Science Publications.

ANNUAL REPORTS
First and Second………………………………………30 cts. each
Third and Fourth………………………………………25 cts. each
Fifth to Sixteenth………………………………………20 cts. each
Seventeenth………………………………………………40 cts.
Nineteenth Meeting to Twenty-fourth…………………40 cts. each
Twenty-fifth Meeting……………………………………75 cts.
Twenty-sixth Meeting to Thirtieth…………………40 cts. each

SPECIAL PAPERS

Address: C. W. Reeder, Librarian, Ohio Academy of Science, Library, Ohio State University, Columbus, Ohio.