

THE OHIO JOURNAL OF SCIENCE

TABLE OF CONTENTS — VOLUME 91

NUMBER 1 — MARCH

S. L. Dean, B. R. Kulander, J. L. Forsyth, and R. M. Tipton	2	Field Guide to Joint Patterns and Geomorphological Features of Northern Ohio
R. S. Snow, T. V. Lowell, and R. F. Rupp	16	A Field Guide: The Kelleys Island Glacial Grooves, Subglacial Erosion Features on the Marblehead Peninsula, Carbonate Petrology, and Associated Paleontology
M. J. Camp and C. B. Hatfield	27	Middle Devonian (Givetian) Silica Formation of Northwest Ohio - Description and Road Log
N. A. Wells, A. H. Coogan, and J. J. Majoras	35	Field Guide to Berea Sandstone Outcrops in the Black River Valley at Elyria, Ohio: Slumps, Slides, Mud Diapirs, and Associated Fracturing in Mississippian Delta Deposits
D. L. Shrake	49	The Middle Run Formation: A Subsurface Stratigraphic Unit in Southwestern Ohio
G. A. Schumacher, E. M. Swinford, and D. L. Shrake	56	Lithostratigraphy of the Grant Lake Limestone and Grant Lake Formation (Upper Ordovician) in Southwestern Ohio
G. E. Larsen	69	Historical Development and Associated Problems Within the Pennsylvanian Nomenclature of Ohio
J. L. Forsyth	77	Correlation of the Three Tills of Logan County, Ohio
M. P. Angle	83	Evolution of Till Stratigraphy in Union County, Ohio
R. J. Storck and J. P. Szabo	90	Lithofacies and Mineralogy of the Late Wisconsinan Navarre Till in Stark and Wayne Counties, Ohio
	98	Book Reviews
	100	List of Reviewers

NUMBER 3 — JUNE

E. D. Rudolph	104	One Hundred Years of Plant Science 1891-1991, With an Ohio Perspective
R. F. Jezerinac	108	The Distribution of Crayfishes (Decapoda: Cambaridae) of the Licking River Watershed, Eastcentral Ohio: 1972-1977
R. S. Harmon and J. H. Olive	112	<i>Ceriodaphnia</i> Bioassays of Cuyahoga River Sediments, Upstream and Downstream of the Akron Water Pollution Control Station
D. M. Dayner and J. R. Johansen	118	Observations on the Algal Flora of Seneca Cavern, Seneca County, Ohio
S. E. Boettcher and P. J. Kalisz	122	The Prairies of the E. Lucy Braun Preserve, Adams County, Ohio: A Soil Study
A. Bellisari	129	Cultural Influences on the Science Career Choices of Women
A. J. Dzik	134	Ischemic Heart Disease Geography of the United States: Models of Environmental Influence With a Focus on the Eastern Highlands
	139	Book Reviews

 NUMBER 4 — SEPTEMBER

T. D. Anderson and S. S. Chang	146	Ohio Geography in the One Hundred Years of The Ohio Academy of Science
R. C. Boyd and J. J. Henry	148	Cottontail Rabbit Habitat Use on Delaware Wildlife Area, Ohio
M. J. Lacki, J. W. Hummer, and H. J. Webster	154	Effect of Reclamation Technique on Mammal Communities Inhabiting Wetlands on Mined Lands in East-Central Ohio
R. J. Anderson, R. Louie, and J. K. Knoke	159	Overwintering of the Leafhopper <i>Graminella nigrifrons</i> (Homoptera: Cicadellidae) in Northern Ohio
H. C. Seibert and J. H. Conover	163	Mortality of Vertebrates and Invertebrates on an Athens County, Ohio, Highway
M. S. Gallaway and W. D. Hummon	167	Adaptation of <i>Cambarus bartonii cavatus</i> (Hay) (Decapoda: Cambaridae) to Acid Mine-Polluted Waters
F. L. St. John	172	Changes in Mixed Populations of <i>Orconectes (R.) sloanii</i> and <i>O. (P.) rusticus</i> (Crustacea: Decapoda: Cambaridae) in Southwestern Ohio
	174	Book Reviews

 NUMBER 5 — DECEMBER

R. Deitchman and R. N. Gandee	182	The Ohio Academy of Science and Section M: Growth and Continuity
R. T. Heath	184	Ecology: The First One Hundred Years
T. R. Stanley, Jr. and J. Bart	186	Effects of Roadside Habitat and Fox Density on a Snow Track Survey for Foxes in Ohio
M. Javadi, J. E. Beuerlein, and T.G.Arscott	191	Effects of Phosphorus and Copper on Factors Influencing Nutrient Uptake, Photosynthesis, and Grain Yield of Wheat
G. Opdycke	195	Cost-benefit Analysis of the Tiffin River Drainage Improvement
W. B. Clapham, Jr.	199	Geography of Hazardous Waste Generation and Management Capacity in Ohio
M. L. Strobel and E. F. Bugliosi	209	Areal Extent, Hydrogeologic Characteristics, and Possible Origins of the Carbonate Rock Newburg Zone (Middle–Upper Silurian) in Ohio
	216	Book Reviews
	221	Necrology
	225	Officers, Committees, and Academy Representatives for 1991–1992
	227	Index to Volume 91
	235	Table of Contents, Volume 91