

PROCEEDINGS
OF THE
ROCHESTER ACADEMY OF SCIENCE

VOLUME 9

JUNE, 1946 TO DECEMBER, 1951



ROCHESTER, N. Y.
PUBLISHED BY THE ACADEMY
1953

TABLE OF CONTENTS

VOLUME IX

	PAGE
Herman Leroy Fairchild, Geologist J. E. HOFFMEISTER	1-4
Quantitative Petrology of the Genesee Gorge Sediments HAROLD L. ALLING	5-63
The Vegetation of Bergen Swamp	
I. The Vascular Plants WALTER C. MUENSCHER	64-117
II. The Epiphytic Plants BABETTE I. BROWN	119-129
III. The Myxomycetes WALTER C. MUENSCHER	131-137
Notes on the Equilibrium of Tropical Aquarium Fishes and Their Perception of Colors H. LOU GIBSON	139-140
Academy History (News and Notes)	141-158
The Phalangida (Opiliones) of New York SHERMAN C. BISHOP	159-235
The Vegetation of Bergen Swamp	
IV. The Algae ARLAND T. HOTCHKISS	237-266
V. The Diatoms (Bacillariae) MATTHEW H. HOHN	267-276
VI. The Fungi CLARK T. ROGERSON and WALTER C. MUENSCHER	277-314
VII. The Bryophytes WILLIAM T. WINNE	315-326
VIII. The Lichens BABETTE I. BROWN	327-338
IX. Supplements WALTER C. MUENSCHER	339-347
Stratigraphy and Structure of the Batavia Quadrangle ROBERT G. SUTTON	348-408
The Plankton Algae of the Southeast End of Chautauqua Lake BERNICE MCKEAN GIEBNER	409-420