

PROCEEDINGS
OF THE
ROCHESTER ACADEMY OF SCIENCE

VOLUME 7

OCTOBER 1929, TO AUGUST 1937



ROCHESTER, N. Y.
PUBLISHED BY THE SOCIETY
1941

OFFICERS OF THE ACADEMY

1929-1940

<i>President</i>	W. H. BOARDMAN	1929
	FLOYD C. FAIRBANKS	1930-1940
<i>First Vice-President</i>	L. E. JEWELL	1929
	A. J. RAMAKER	1930-1935
	CHARLES MESSERSCHMIDT	1936
	DEAN L. GAMBLE	1937-1940
<i>Second Vice-President</i>	CHARLES MESSERSCHMIDT	1929-1935
	DEAN L. GAMBLE	1936
	CHARLES MESSERSCHMIDT	1937-1939
<i>Secretary</i>	MILROY N. STEWART	1929-1940
<i>Treasurer</i>	GEORGE WENDT	1929-1940
<i>Librarian</i>	ALICE H. BROWN	1929-1930
	DONALD B. GILCHRIST	1931-1939

COUNCILLORS

Elective

ARTHUR C. PARKER	1929-1936	GEORGE L. ENGLISH	1929-1931, 1935-1937
F. W. C. MEYER	1929-1940	HERMAN L. FAIRCHILD ...	1929-1938
W. D. MERRELL	1930-1939	MELISSA E. BINGEMAN ...	1937-1940
W. L. G. EDSON	1929-1940	DAVID E. JENSEN	1938-1940
R. L. POST	1939-1940	WILLIAM S. CORNWELL ...	1940
		E. G. FOSTER	1940

OFFICERS OF THE SECTIONS

Section of Botany

<i>Chairman</i> , FLORENCE BECKWITH	1929
WARREN A. MATHEWS	1930-1931
GRACE A. B. CARTER	1932-1940
<i>Recorder</i> , MILTON S. BAXTER	1929-1938
JOSEPHINE EDSON	1939-1940

Section of Mineralogy (formerly, Geology)

<i>Chairman</i> , F. W. C. MEYER	1929-1935
R. C. VANCE	1936-1940
<i>Recorder</i> , R. C. VANCE	1929-1935
MILROY N. STEWART	1936-1940

Section of Microscopy

<i>Chairman</i> , R. L. ROUDABUSH	1938
<i>Recorder</i> , M. D. ANDREWS	1938

Section of Entomology

<i>Chairman</i> , R. L. POST	1937
J. B. ZIEGLER	1938-1939
<i>Recorder</i> , JOSEPHINE EDSON	1937
R. G. YAEGER	1938-1939

TABLE OF CONTENTS

VOLUME VII

	PAGE
New York Drumlins; By HERMAN L. FAIRCHILD	1
Arboriculture at Rochester, N. Y.; By MILTON S. BAXTER and THOMAS P. MALOY	39
History and Engineering of Rochester's Water Supply in Its First Century; By EDWIN A. FISHER	59
New York Physiography and Glaciology West of the Genesee Valley; By HERMAN L. FAIRCHILD	97
The Richmond Mastodon; By JOHN T. SANFORD	137
Genesee Valley Hydrography and Drainage; By HERMAN L. FAIRCHILD	157
Petrology of the Niagara Gorge Sediments; By HAROLD L. ALLING	189
New York Geographic Puzzle; By HERMAN L. FAIRCHILD	204
The Bergen Swamp; an Ecological Study; By PAUL ALEXANDER STEWART and WILLIAM DAYTON MERRELL ..	209