UNIVERSITY OF MINNESOTA
MINNESOTA GEOLOGICAL SURVEY
G. M. SCHWARTZ, DIRECTOR

BULLETIN 34

Bibliography of Minnesota Geology

BY

THEODORA G. MELONE

AND

LEONARD W. WEIS

MINNEAPOLIS • 1951
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Acknowledgments

The following bibliography is limited to titles on the geology and mineralogy of Minnesota and is not intended to cover mining and metallurgy. Most of the titles have been taken from *Geologic Literature on North America, 1785–1918* and *Bibliography of North American Geology*, published 1919–1948 as United States Geological Survey Bulletins 746, 747, 823, 937, 938, 949, 952, 958, 968; *Annotated Bibliography of Economic Geology*, 1928–1949 (except 1944–1945, not published); and *Bibliography of Minnesota Mining and Geology* and *Supplement* by Winifred Gregory, published in 1915 and 1920, respectively, as Minnesota School of Mines Experiment Stations Bulletins 4 and 8. Some references were found in private lists and in bibliographies and indexes of societies and journals which ordinarily are not concerned with North American geology.

For many valuable suggestions and additions to the bibliography the compilers wish to express their cordial thanks to Dr. George A. Thiel, Chairman of the Geology Department of the University of Minnesota, and Dr. George M. Schwartz, Director of the Minnesota Geological Survey. Special appreciation is also extended to Mrs. Marilyn Jensen for her helpful work in typing and proof-reading, and to Mrs. Nancy Press of the University of Minnesota Press for her technical assistance.

T. G. M.
L. W. W.

Foreword

Active geologic work began in Minnesota in 1872 with the establishment of the Geological and Natural History Survey and the appointment of N. H. Winchell as state geologist. Articles dealing with the geology of the state, however, date back over 100 years.

In recent years it has become evident that the geologic literature on the state is so very great in volume and found in such diverse publications that it places a great burden on the new worker in Minnesota geology. It seemed desirable, therefore, to assemble as complete a bibliography as possible so that anyone doing research on the geology of the state could find all references in one place with a consequent saving of time and effort.

The problem of assembling and organizing this mass of material was discussed with Miss Theodora Melone, Librarian of the Winchell Library of Geology at the University of Minnesota. She generously agreed to undertake the work and was ably assisted by Mr. Leonard W. Weis, a graduate student in the Department of Geology and part-time assistant of the library. This arrangement was approved by Dr. Errett W. McDiarmid, University Librarian, and sincere appreciation is due him for generous assistance in the project.

The Director wishes to express his deepest appreciation to Miss Melone and Mr. Weis for unusually painstaking work on a very tedious task. The result of their work will undoubtedly be of great value for years to come. It is the present plan to issue supplements to the bibliography at ten-year intervals. If anyone using the volume finds an omission of a title, it will be sincerely appreciated if a note to that effect is sent to the Director, Minnesota Geological Survey, University of Minnesota, Minneapolis 14, Minnesota.

G. M. SCHWARTZ
Director

List of Abbreviations

This list includes serials examined

A.A.A.S.	American Association for the Advancement of Science
A.A.P.G.	American Association of Petroleum Geologists
A.I.M.E.	American Institute of Mining and Metallurgical Engineers
Acad. Sci. Paris	Académie des Sciences, Paris
Acad. Nat. Sci. Phila.	Academy of Natural Sciences of Philadelphia
Aff. Eng. Soc. Minn.	Affiliated Engineering Societies of Minnesota
Am. Ceramic Soc.	American Ceramic Society
Am. Geog. Soc.	American Geographical Society
Am. Geol.	American Geologist
Am. Jour. Sci.	American Journal of Science
Am. Meteorol. Soc.	American Meteorological Society
Am. Mid. Nat.	American Midland Naturalist
Am. Min.	American Mineralogist
Am. Nat.	American Naturalist
Am. Philos. Soc.	American Philosophical Society
Ann. Mines	Annales des Mines, Paris
Ann.	Annual
art.	article
Assoc.	Association
Assoc. Eng. Soc.	Association of Engineering Societies
Assoc. Am. Geog.	Association of American Geographers
Assoc. Am. Geol.	Association of American Geologists and Naturalists
Boston Soc. Nat. Hist.	Boston Society of Natural History
Bot.	Botanical
Brit. Assoc. Adv. Sci.	British Association for the Advancement of Science
Buffalo Soc. Nat. Sci.	Buffalo Society of Natural Sciences
Bull.	Bulletin
Bur.	Bureau
Can. Inst. Min. Met.	Canadian Institute of Mining and Metallurgy
Can. M.J.	Canadian Mining Journal

Can. Min. Inst.	Canadian Mining Institute
Can. Nat.	Canadian Naturalist and Geologist and Proceedings of the Natural History Society of Montreal
Can. Rec. Nat. Hist. Geol.	Canadian Record of Natural History and Geology, Montreal
Cin. Soc. Nat. Hist.	Cincinnati Society of Natural History
Conf.	Conference
Cong.	Congress
Contr.	Contributions
correl.	correlation
Co.	County
Deut. geol. Ges. Zeitschr.	Deutsche geologische Gesellschaft Zeitschrift
diagrs.	diagrams
Dissert.	Dissertations
Div.	Division
E. M.	Master in Engineering
Ecol.	Ecological, Ecology
Econ. Geol.	Economic Geology
Edin. Geol. Soc.	Edinburgh Geological Society
Eng. Mag.	Engineering Magazine
Eng. Min. Jour.	Engineering and Mining Journal
Eng. Min. Jour.-Press	Engineering and Mining Journal-Press
figs.	figures
ff.	following
fm.	formation
G.S.A.	Geological Society of America
geol.	geological, etc.
Geol. Mag.	Geological Magazine
Geol. Soc. Quart. Jour.	Geological Society Quarterly Journal, London
Ges. Erdk. Berlin, Zeitschr.	Gesellschaft für Erdkunde zu Berlin, Zeitschrift
Harvard Mus. Comp. Zool.	Harvard College. Museum of Comparative Zoology
H. Doc.	House Document
H. Ex. Doc.	House Executive Document
H. R. Doc.	House of Representatives Document
I.M.E.	Institution of Mining Engineers (Newcastle-upon-Tyne)
Ill. Acad. Sci.	Illinois Academy of Science
illus.	illustrations, etc.
incl.	including
Ind. Acad. Sci.	Indiana Academy of Science
Inf. Circ.	Information Circular
Inst.	Institute, Institution
Int. Geol. Cong.	International Geological Congress

Int. Min. Cong.	International Mining Congress
Iowa Acad. Sci.	Iowa Academy of Sciences
Iowa Lab. Nat. Hist.	Iowa State University. Laboratories of Natural History
Iowa Studies in Nat. Hist.	Iowa University Studies in Natural History
Ir. Trd. Rev.	Iron Trade Review
Jour.	Journal
Jour. Geog.	Journal of Geography
Jour. Geol.	Journal of Geology
Jour. Paleont.	Journal of Paleontology
Jour. Sed. Petrol.	Journal of Sedimentary Petrology
Kans. Geol. Soc.	Kansas Geological Society
L.S.M.I.	Lake Superior Mining Institute
M.G.S.	Minnesota Geological Survey
M. and M.	Mines and Minerals
Min. Cong. Jour.	Mining Congress Journal
Min. Wld.	Mining and Engineering World
Min. Jour.	Mining Journal, Phoenix, Ariz.
Min. Mag.	Mining Magazine
Min. & Met.	Mining and Metallurgy
Min. Sci.	Mining Science
Min. Sci. Press	Mining and Scientific Press
Minn. Acad. Nat. Sci.	Minnesota Academy of Natural Science
Minn. Acad. Sci.	Minnesota Academy of Science
Minn. Hist. Soc. Coll.	Minnesota Historical Society Collections
Minn. Sch. Mines, Exper. Sta.	Minnesota School of Mines, Experiment Station
Minn. Univ. Eng.	Minnesota University Engineers
Minn. Univ., Eng. Exper. Sta.	Minnesota University, Engineering Experiment Station
Minn. Univ. Mines Exper. Sta.	Minnesota University Mines Experiment Station
Minn. Univ. Quart. Bull.	Minnesota University Quarterly Bulletin
Mo. Univ., Sch. Mines and Met.	Missouri University, School of Mines and Metallurgy
Mon.	Monograph
Mpls. Water Supply Com.	Minneapolis Water Supply Commission
Mus.	Museum
Nat.	Naturalist
Nat. Re. Plann. Bd.	National Resources Planning Board
Nat. Hist.	Natural History
N.Y. Acad. Sci.	New York Academy of Science
N. Am.	North America
North of England Inst. Min. Eng.	North of England Institute of Mining and Mechanical Engineers
Northwestern Univ. Summ. Doc. Dissert.	Northwestern University Summaries of Doctoral Dissertations

Ohio Acad. Sci.	Ohio Academy of Science
Ohio Jour. Sci.	Ohio Journal of Science
Ont. Bur. Mines	Ontario Bureau of Mines
opp.	opposite
paleogeog.	paleogeographic
Pan-Am. Geol.	Pan-American Geologist
pt.	part
pl.	plate
Pop. Sci. Monthly	Popular Science Monthly
port.	portrait
Priv. pub.	Privately published
Proc.	Proceedings
Prof.	Professional
Pub.	Publication
Rept.	Report
Rept. Inv.	Report of Investigations
R.	River
Royal Soc. Can.	Royal Society of Canada
St. Paul Inst. Sci. Mus.	Saint Paul Institute of Science Museum
ss.	sandstone
Sci. Am.	Scientific American
Sci. Lab. Jour.	Scientific Laboratories Journal
S. Ex. Doc.	Senate Executive Document
ser.	series
sess.	session
Soc. Franç. Minér.	Société Française de Minéralogie
Soc.	Society
Supp.	Supplement
Tech.	Technical
Texas Archeol. and Paleont. Soc.	Texas Archeological and Paleontological Society
Trans.	Transactions
U.S.G.S.	United States Geological Survey
U.S. Agric. Dept.	United States Department of Agriculture
U.S. Nat. Mus.	United States National Museum
Univ.	University
U. of M. Eng. Soc.	University of Minnesota. Engineers' Society
Wash. Acad. Sci.	Washington Academy of Science
Wash. Biol. Soc.	Washington Biological Society
Wis. Acad. Sci.	Wisconsin Academy of Science
Zeit. für Prak. Geol.	Zeitschrift für Praktische Geologie

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