

**BIBLIOGRAPHY
OF ALASKAN GEOLOGY
1960 - 1964**

.....
SPECIAL REPORT 24
.....

**Compiled by:
CRAWFORD E. FRITTS and MILDRED E. BROWN**

**Division of Geological Survey
College, Alaska
1971**

STATE OF ALASKA

William A. Egan - Governor

DEPARTMENT OF NATURAL RESOURCES

Charles F. Herbert - Commissioner

DIVISION OF GEOLOGICAL SURVEY

James A. Williams - Director



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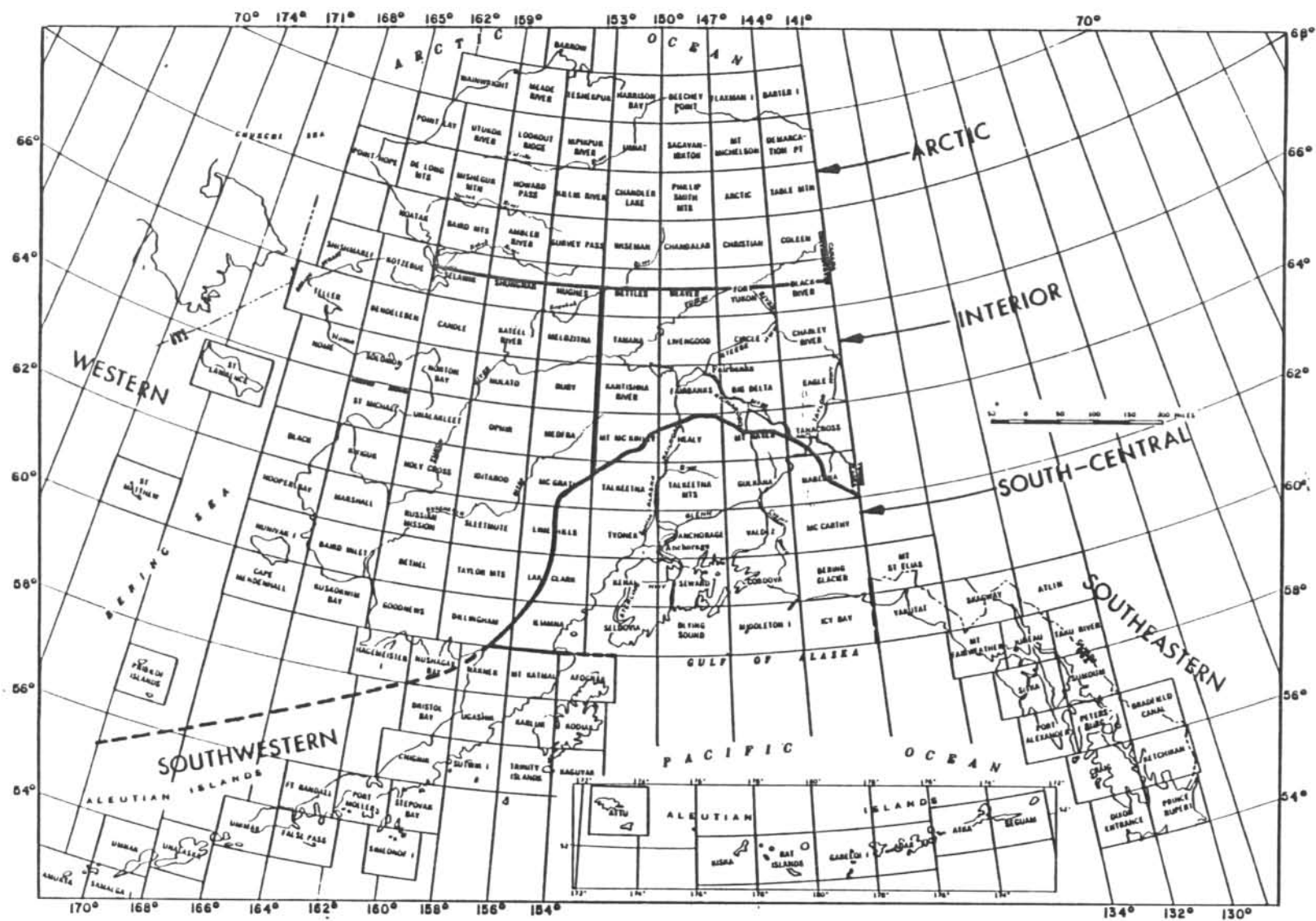


Figure 1. Quadrangles and major geographic divisions of Alaska referred to in this report

I N T R O D U C T I O N

PURPOSE, SOURCE AND FORMAT

The Bibliography of Alaskan Geology, 1960-1964, is one volume of a series designed specifically for geologists and others who seek geological literature about Alaska. All entries listed here were obtained from five volumes of the Bibliography of North American Geology (U. S. Geological Survey Bulletins 1196, 1197, 1232, 1233, and 1234). Data from that source have been modified only slightly to facilitate use of the material by the reader, as explained below. No effort was made to confirm the data by firsthand observation of each article or report. Thus information concerning corrections or additions to this volume will be appreciated.

The basic format used here is similar to that adopted by the U. S. Geological Survey. The main part of this volume consists of a bibliography in which all entries are arranged alphabetically by last names of authors or senior authors. The year of publication of each article or report has been moved to a position immediately after its author or authors to facilitate use of the index, which follows the bibliography. In the index, each reference to a given subject is listed by author and year of publication.

Under most major headings in the index, subject material and references are listed according to six arbitrary geographic divisions of the State shown in Figure 1. These divisions or units currently are used by the Alaska Geological Survey for convenience in report writing and related work. Boundaries are based on bedrock geology, topography, parallels of latitude, and meridians of longitude. The six units are as follows:

- (1) Arctic Alaska, including the Brooks Range and other parts of the State north of the Arctic Circle, which is near latitude $66^{\circ}32'25''$ N.
- (2) Western Alaska, including the Seward Peninsula, Pribilof Islands, and other parts of the State south of the Arctic Circle, northwest of the Alaska Range, and west of meridian 153° W.
- (3) Interior Alaska, including that part of the State south of the Arctic Circle, north of the Alaska Range, and east of meridian 153° W.
- (4) Southwestern Alaska, including the Aleutian Islands, Kodiak Island, and the Alaska Peninsula south of parallel 59° N.
- (5) South-central Alaska, including the Alaska Range, adjacent mountainous terrain, and intermediate lowlands north of parallel 59° N. and west of meridian 141° W.
- (6) Southeastern Alaska, including all of the State east of meridian 141° W.

In using this volume, the reader may wish to consult the subject index first to find an appropriate reference cited by author and year of publication. The complete reference then can be found in the bibliography under the same author and year. Abbreviations used there are explained under the headings Serial Publications, Other Publishing Media, and Miscellaneous Abbreviations. Finally, the reader may seek the article or report in a suitable library.

SERIAL PUBLICATIONS

- Acad. Royale Belgique Bull. Cl. Sci.
Académie Royale de Belgique, Bulletin de la Classe des Sciences
Brussels, Belgium
- Acad. Sci. Comptes Rendus
Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences
Paris, France
- Akad. Nauk SSSR Geol. Inst. Trudy
Akademiya Nauk SSSR, Trudy Geologicheskogo Instituta
Moscow, U.S.S.R.
- Alaska Dept. Health and Welfare Water-Hydrol. Data
State of Alaska Department of Health and Welfare Water-Hydrological Data
Juneau, Alaska
- Alaska Div. Mines and Minerals Geochem. Rept.
State of Alaska Department of Natural Resources,
Division of Mines and Minerals Geochemical Report
Juneau, Alaska
- Alaska Div. Mines and Minerals Geol. Rept.
State of Alaska Department of Natural Resources,
Division of Mines and Minerals Geologic Report
Juneau, Alaska
- Alaska Div. Mines and Minerals Mineral Inv. Rept.
State of Alaska Department of Natural Resources,
Division of Mines and Minerals, Mineral Investigation Report
Juneau, Alaska
- Alaska Oil and Gas Yearbook
Alaska Oil and Gas Yearbook, 49th State Petroleum Report
Anchorage, Alaska
- Alaska(n) Sci. Conf. Proc. [Published in Sci. Alaska since 1961]
Proceedings of the Alaska(n) Science Conference
Anchorage, College, and Juneau, Alaska
- Alaska Univ. Coll. Earth Sci. and Mineral Industry Pub., Bull.
College of Earth Sciences and Mineral Industry Publication, Bulletin.
University of Alaska
College, Alaska
- Alaska Univ. Geophys. Inst. [Geophys. Research Rept.]
Geophysical Institute of the University of Alaska [Geophysical Research Report]
College, Alaska
- Alaska Univ. Geophys. Inst. [Rept. Ser.]
Geophysical Institute of the University of Alaska [Report Series]
College, Alaska

- Am. Antiquity
American Antiquity. Society for American Archeology
Washington, D. C.
- Am. Assoc. Petroleum Geologists Bull.
Bulletin of the American Association of Petroleum Geologists
Tulsa, Oklahoma
- Am. Assoc. Petroleum Geologists Mem.
Memoir of the American Association of Petroleum Geologists
Tulsa, Oklahoma
- Am. Geog. Soc. Spec. Pub.
American Geographic Society Special Publication
New York, New York
- Am. Geophys. Union Geophys. Mon.
Geophysical Monographs of the American Geophysical Union
Washington, D. C.
- Am. Geophys. Union Trans.
Transactions of the American Geophysical Union
Washington, D. C.
- Am. Inst. Mining, Metall., and Petroleum Engineers Trans.
Transactions of the American Institute of Mining, Metallurgical and Petroleum
Engineers
New York, New York
- Am. Jour. Botany
American Journal of Botany. Botanical Society of America
Baltimore, Maryland
- Am. Jour. Sci.
American Journal of Science
New Haven, Connecticut
- Am. Mineralogist
American Mineralogist. Mineralogical Society of America
Washington, D. C.
- Annales Géographie
Annales de Géographie. Bulletin de la Société de Géographie
Paris, France
- Appalachia
Appalachia. Appalachian Mountain Club
Boston, Massachusetts
- Arctic
Arctic. Arctic Institute of North America
Montreal, Quebec, Canada

Assoc. Am. Geographers Annals

Annals of the Association of American Geographers
Washington, D. C.

Biul. Peryglacjalny

Biuletyn Peryglacjalny. Łódzkie Towarzystwo Naukowe
Łódź, Poland

Bol. Bibliog. Geofísica y Oceanografía Am.

Boletín Bibliográfico de Geofísica y Oceanografía Americanas.
Instituto Panamericano Geografía e Historia
México, D. F., Mexico

Bull. Volcanol.

Bulletin Volcanologique. Association de Volcanologie de l' Union Géodésique
et Géophysique International
Naples, Italy

Bulls. Am. Paleontology

Bulletins of American Paleontology. Paleontological Research Institution
Ithica, New York

California Acad. Sci. Occasional Paper

Occasional Papers of the California Academy of Sciences
San Francisco, California

California Div. Mines and Geology Mineral Inf. Service

State of California Department of Natural Resources,
Division of Mines and Geology Mineral Information Service
San Francisco, California

Chicago Univ. Dept. Geography Research Paper

University of Chicago Department of Geography Research Paper
Chicago, Illinois

Compass

The Compass of Sigma Gamma Epsilon
Provo, Utah

Cushman Found. Foram. Research Contr.

Contributions from the Cushman Foundation for Foraminiferal Research
Ithica, New York

Czasopismo Geog.

Czasopismo Geograficzne. Polskie Towarzystwo Geograficzne
[Geographic Magazine. Polish Geographical Society]
Warsaw, Poland

Deep-sea Research

Deep-Sea Research. Pergamon Press
London, England

Dissert. Abs.

Dissertation Abstracts. University Microfilms
Ann Arbor, Michigan

Econ. Geology

Economic Geology and the Bulletin of the Society of Economic Geologists
Urbana, Illinois

Forschungen u. Fortschr.

Forschungen und Fortschritte. Akademie Verlag
Berlin, Germany

Freiberger Forschungshefte

Freiberger Forschungshefte. Bergakademie, Freiberg
Berlin, Germany

Geochim. et Cosmochim. Acta

Geochimica et Cosmochimica Acta. Pergamon Press
London, England

Geog. Rev.

Geographical Review. American Geographical Society of New York
New York, New York

Geol. Soc. America Bull.

Geological Society of America Bulletin
New York, New York

Geol. Soc. America Spec. Paper

Geological Society of America Special Papers
New York, New York

Geophys. Soc. Tulsa Proc.

Proceedings of the Geophysical Society of Tulsa
Tulsa, Oklahoma

Geophysics

Geophysics. Society of Exploration Geophysicists
Tulsa, Oklahoma

Geotimes

Geotimes. American Geological Institute
Washington, D. C.

Grana Palynologica

Grana Palynologica. An international journal of Palynology. Almqvist and
Wiksell
Stockholm, Sweden

Houston Geol. Soc. Bull.

Houston Geological Society Bulletin
Houston, Texas

- Internat. Assoc. Sci. Hydrology Bull.
Bulletin of the International Association of Scientific Hydrology
Gentbrugge, Belgium
- Internat. Assoc. Sci. Hydrology Pub.
Publication of the International Association of Scientific Hydrology
Gentbrugge, Belgium
- Iowa Acad. Sci. Proc.
Proceedings of the Iowa Academy of Science
Des Moines, Iowa
- Jour. Geology
Journal of Geology. University of Chicago Press
Chicago, Illinois
- Jour. Geophys. Research
Journal of Geophysical Research. American Geophysical Union
Washington, D. C.
- Jour. Glaciology
Journal of Glaciology. British Glaciological Society
Cambridge, England
- Jour. Paleontology
Journal of Paleontology. Society of Economic Paleontologists and Mineralogists,
the American Association of Petroleum Geologists, and the Geological Society
of America
Tulsa, Oklahoma
- Jour. Petroleum Technology
Journal of Petroleum Technology. Society of Petroleum Engineers of the
American Institute of Mining, Metallurgical and Petroleum Engineers
Dallas, Texas
- Jour. Sed. Petrology
Journal of Sedimentary Petrology. Society of Economic Paleontologists and
Mineralogists, a Division of the American Association of Petroleum Geologists
Tulsa, Oklahoma
- Koninkl. Nederlandse Akad. Wetensch. Proc.
Koninklijke Nederlandse Akademie van Wetenschappen Proceedings. North-
Holland Publishing Company
Amsterdam, Netherlands
- Marine Geology
Marine Geology. International Journal of Marine Geology, Geochemistry and
Geophysics. Elsevier Publishing Company
Amsterdam, Netherlands
- Micropaleontology
Micropaleontology. American Museum of Natural History
New York, New York

Mineralog. Soc. America Spec. Paper
 Mineralogical Society of America Special Paper
 Washington, D. C.

Mining Eng.
 Mining Engineering. American Institute of Mining, Metallurgical and
 Petroleum Engineers
 New York, New York

Nat. History
 Natural History. The American Museum of Natural History
 New York, New York

Natl. Acad. Sci. -- Nat. Research Council Pub.
 National Academy of Sciences - National Research Council Publication
 Washington, D. C.

Natl. Geog. Mag.
 National Geographic Magazine. National Geographic Society
 Washington, D. C.

Nature
 Nature. A Weekly Journal of Science. Macmillan (Journals) Limited
 London, England

Neues Jahrb. Geologie u. Paläontologie Abh.
 Neues Jahrbuch für Geologie und Paläontologie Abhandlungen.
 E. Schweizerbart'sche Verlagsbuchhandlung
 Stuttgart, Federal Republic of Germany

Neues Jahrb. Mineralogie Abh.
 Neues Jahrbuch für Mineralogie Abhandlungen.
 E. Schweizerbart'sche Verlagsbuchhandlung
 Stuttgart, Federal Republic of Germany

Neues Jahrb. Mineralogie Monatsh.
 Neues Jahrbuch für Mineralogie Monatshefte.
 E. Schweizerbart'sche Verlagsbuchhandlung
 Stuttgart, Federal Republic of Germany

New York Acad. Sci. Annals
 Annals of the New York Academy of Sciences
 New York, New York

North Dakota Acad. Sci. Proc.
 Proceedings of the North Dakota Academy of Science. Published jointly by the
 University of North Dakota and the North Dakota State University of
 Agriculture and Applied Science
 Grand Forks, North Dakota

Ohio State Univ. Inst. Polar Studies Rept.
 Ohio State University Institute of Polar Studies Report
 Columbus, Ohio

Oil and Gas Jour.

Oil and Gas Journal. Petroleum Publishing Company
Tulsa, Oklahoma

Oklahoma Geology Notes

Oklahoma Geology Notes. Oklahoma Geological Survey
Norman, Oklahoma

Palaeobotonist

The Palaeobotonist. Birbal Sahni Institute of Palaeobotony
Lucknow, India

Paläont. Zeitschr.

Paläontologische Zeitschrift. Organ der Paläontologischen Gesellschaft
Stuttgart, Federal Republic of Germany

Pollen et Spores

Pollen et Spores. Muséum National d'Histoire Naturelle
Paris, France

Postilla

Postilla. Peabody Museum of Natural History. Yale University
New Haven, Connecticut

Sci. Alaska

Science in Alaska. Proceedings of the Alaska Science Conference. Alaska
Division of the American Association for the Advancement of Science
College, Alaska

Sci. American

Scientific American. Scientific American, Incorporated
New York, New York

Science

Science. American Association for the Advancement of Science
Washington, D. C.

Seismol. Soc. America Bull.

Bulletin of the Seismological Society of America
San Francisco, California

Shale Shaker

Shale Shaker. Oklahoma City Geological Society
Oklahoma City, Oklahoma

Shore and Beach

Shore and Beach. Journal of the American Shore and Beach Reservation Association
Washington, D. C.

Smithsonian Inst. Ann. Rept.

Annual Report of the Board of Regents of the Smithsonian Institution
Washington, D. C.

- Soc. Belge Géologie, Paléontologie et Hydrologie Mém.
Mémoires de la Société Belge de Géologie, de Paléontologie, et d'Hydrologie
Brussels, Belgium
- Soc. Géol. France Bull.
Bulletin de la Société Géologique de France
Paris, France
- Soil Sci.
Soil Science. Williams and Wilkins Company
Baltimore, Maryland
- Soil Sci. Soc. America Proc.
Soil Science Society of America Proceedings
Danville, Illinois
- Surveying and Mapping
Surveying and Mapping. American Congress of Surveying and Mapping
Washington, D. C.
- Tokyo Nat. Sci. and Mus.
Natural Science and Museums, Tokyo. National Science Museum
Tokyo, Japan
- Tulane Studies Geology
Tulane Studies in Geology. Tulane University
New Orleans, Louisiana
- United Nations Econ. Comm. Asia and Far East Mineral Resources Devel. Ser.
United Nations Economic Commission for Asia and the Far East, Mineral
Resources Development Series
New York, New York
- U. S. Army Materiel Command Cold Regions Research and Eng. Lab. Research Rept.
United States Army, Materiel Command, Cold Regions Research and Engineering
Laboratory Research Report
Hanover, New Hampshire
- U. S. Army Materiel Command Cold Regions Research and Eng. Lab. Tech. Rept.
United States Army, Materiel Command, Cold Regions Research and Engineering
Laboratory Technical Report
Hanover, New Hampshire
- U. S. Bur. Mines. Inf. Circ.
United States Bureau of Mines Information Circular
Washington, D. C.
- U. S. Bur. Mines Rept. Inv.
United States Bureau of Mines Report of Investigations
Washington, D. C.
- U. S. Coast and Geodetic Survey
United States Coast and Geodetic Survey
Washington, D. C.

- U. S. Coast Guard Oceanog. Rept.
United States Coast Guard Oceanographic Report. United States Coast Guard
Oceanographic Unit
Washington, D. C.
- U. S. Geol. Survey Bull.
United States Geological Survey Bulletin
Washington, D. C.
- U. S. Geol. Survey Circ.
United States Geological Survey Circular
Washington, D. C.
- U. S. Geol. Survey Coal Inv. Map
United States Geological Survey Coal Investigations Map
Washington, D. C.
- U. S. Geol. Survey Geol. Quad. Map
United States Geological Survey Geologic Quadrangle Map
Washington, D. C.
- U. S. Geol. Survey Geophys. Inv. Map
United States Geological Survey Geophysical Investigations Map
Washington, D. C.
- U. S. Geol. Survey Mineral Inv. Field Studies Map
United States Geological Survey Mineral Investigations Field Studies Map
Washington, D. C.
- U. S. Geol. Survey Mineral Inv. Resource Map
United States Geological Survey Mineral Investigations Resource Map
Washington, D. C.
- U. S. Geol. Survey Misc. Geol. Inv. Map
United States Geological Survey Miscellaneous Geologic Investigations Map
Washington, D. C.
- U. S. Geol. Survey Prof. Paper
United States Geological Survey Professional Paper
Washington, D. C.
- U. S. Geol. Survey Rept. TEI
United States Geological Survey Report on Trace Elements Investigations
Washington, D. C.
- U. S. Geol. Survey Water-Supply Paper
United States Geological Survey Water-Supply Paper
Washington, D. C.
- Veliger
The Veliger. Northern California Malacozoological Club
Berkeley, California

Washington Acad. Sci. Jour.
Journal of the Washington Academy of Sciences
Washington, D. C.

World Oil
World Oil. Gulf Publishing Company
Houston, Texas

Zeitschr. Geomorphologie
Zeitschrift für Geomorphologie. [Annals of Geomorphology.]. Gebrüder Borntraeger
Berlin, Germany

OTHER PUBLISHING MEDIA

Bishop Mus. Press
 Bishop Museum Press
 Honolulu, Hawaii

Burnt River Explor. and Devel. Co.
 Burnt River Exploration and Development Company
 Fort Collins, Colorado

Foundation for Glacier Research
 Foundation for Glacier Research
 Seattle, Washington

Inst. Lake Superior Geology
 Institute on Lake Superior Geology

Internat. Geol. Cong. ... Rept.
 International Geological Congress Report

Johns Hopkins Press
 Johns Hopkins Press
 Baltimore, Maryland

Macmillan Company
 The Macmillan Company
 New York, New York

M. I. T. Press
 M. I. T. Press. Massachusetts Institute of Technology
 Cambridge, Massachusetts

Natl. Sci. Found.
 National Science Foundation
 Washington, D. C.

Pacific Sci. Congress
 Pacific Science Congress
 Honolulu, Hawaii

Reinhold Publishing Corp.
 Reinhold Publishing Corporation
 New York, New York

Republic Exploration Co.
 Republic Exploration Company
 Tulsa, Oklahoma

Rev. Union Internat. Secours
 Revue de l'Union Internationale de Secours
 Geneva, Switzerland

Shannon and Wilson, Inc.
 Shannon and Wilson, Incorporated
 Seattle, Washington

Smith College Dept. Geology
Smith College, Department of Geology
Northampton, Massachusetts

U. S. Cong. ... Comm. Print
United States Congress, Committee Print
Washington, D. C.

U. S. Cong. ... House Doc.
United States Congress, House Document
Washington, D. C.

U. S. Dept. Defense
United States Department of Defense
Washington, D. C.

U. S. Dept. Interior
United States Department of the Interior
Washington, D. C.

U. S. Office Naval Research
United States Office of Naval Research
Washington, D. C.

Univ. Minnesota, Dept. Geology
University of Minnesota, Department of Geology
Minneapolis, Minnesota

Univ. Toronto Press
University of Toronto Press
Toronto, Ontario, Canada

World Petroleum Cong. ... Proc.
Proceedings of the World Petroleum Congress
Frankfurt am Main, Federal Republic of Germany

MISCELLANEOUS ABBREVIATIONS

abs.	=	abstract
app.	=	appendix
art.	=	article
ft.	=	feet
geol.	=	geologic
ibid.	=	ibidem (Latin, in the same place)
illus.	=	illustration(s)
in.	=	inch
incl.	=	includes, including
mi.	=	mile
no(s).	=	number(s)
p.	=	page(s)
pt.	=	part
ser.	=	series
sess.	=	session
v.	=	volume

Months:	Jan.
	Feb.
	Mar.
	Apr.
	May
	June
	July
	Aug.
	Sept.
	Oct.
	Nov.
	Dec.

B I B L I O G R A P H Y

American Geographical Society, 1960, Nine glacier maps, northwestern North America, to accompany nine separate map sheets on scale of 1:10,000: Am. Geog. Soc. Spec. Pub. 34, 22 p., illus.

Ames, H.; Riegel, W., 1962, Palynological investigation of coals from the Chickaloon Formation, Alaska [abs.]: Pollen et Spores, v. 4, no. 2, p. 328

Amestad-Fruth, Elizabeth; Kaufman, Aaron, 1963, Uranium series disequilibria in Recent volcanic rocks [abs.]: Am. Geophys. Union Trans., v. 44, no. 1, p. 108

Anderson, G. J., 1963, Distribution patterns of Recent foraminifera of the Bering Sea: Micropaleontology, v. 9, no. 3, p. 305-317, illus., table

Anderson, G. S.; Hussey, K. M., 1963a, Alluvial fan development at Franklin Bluffs, Alaska: Iowa Acad. Sci. Proc. 1962, v. 69, p. 310-322, illus.

Anderson, G. S.; Hussey, K. M., 1963b, Preliminary investigation of thermokarst development on the North Slope, Alaska: Iowa Acad. Sci. Proc. 1963, v. 70, p. 306-320, illus.

Andreassen, G. E.; Wahrhaftig, C. A.; Zietz, Isidore, 1964, Aeromagnetic reconnaissance of the east-central Tanana Lowland, Alaska: U. S. Geol. Survey Geophys. Inv. Map GP-447, 2 sheets, scale 1:125,000, separate text

Andreassen, G. E.; Dempsey, W. J.; Vargo, J. L.; others, 1963a, Aeromagnetic map of part of the Naknek quadrangle, Alaska: U. S. Geol. Survey Geophys. Inv. Map GP-353, scale 1:125,000

Andreassen, G. E.; Dempsey, W. J.; Vargo, J. L.; others, 1963b, Aeromagnetic map of parts of the Ugashik and Karluk quadrangles, Alaska: U. S. Geol. Survey Geophys. Inv. Map GP-354, scale 1:125,000

Andreassen, G. E.; Grantz, Arthur; Zietz, Isidore; Barnes, D. F., 1964, Geologic interpretation of magnetic and gravity data in the Copper River Basin, Alaska: U. S. Geol. Survey Prof. Paper 316-H, p. H135-H153, illus., tables

Andresen, M. J., 1964, Geology of the Cretaceous Cantwell Formation, McKinley Park area, Alaska - A preliminary report [abs.]: Geol. Soc. America Spec. Paper 76, p. 299: Sci. Alaska 1963, p. 229-230

Andresen, M. J.; Church, R. E.; Péwé, T. L., 1963a, Sedimentology of unfrozen large-scale patterned ground, Donnelly Dome area, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 287

Andresen, M. J.; Church, R. E.; Péwé, T. L., 1963b, Sedimentology of unfrozen large-scale patterned ground, Donnelly Dome area, Alaska [abs.] in Alaskan Sci. Conf., 13th, Juneau, 1962, Proc.: Sci. Alaska 1962, p. 158-159

Anthony, L. M., 1961, The Alaska Prospector's short course in introductory prospecting and mining: Alaska Univ. Coll. Earth Sci. and Mineral Industry Pub., Bull. 4 (revised), 123 p., illus., tables. Originally published, 1958

Arctic Institute of North America, 1961, Arctic bibliography, v. 10: Washington, D. C., [U. S.] Dept. Defense, 1467 p., illus.

Atherton, David, 1963, Comparisons of ogive systems under various regimes [with French and German abstracts]: Jour. Glaciology, v. 4, no. 35, p. 547-557, illus.

Ayers, M. G., 1960, Regional geology of the Cook Inlet area, Alaska [abs.]: Alaskan Sci. Conf., 10th, Juneau, Aug. 25-28, 1959, Proc., p. 105-106, Dec.

Baptist, O. C., 1960a, Oil production from frozen reservoir rocks, Umiat, Alaska: Am. Inst. Mining, Metall., and Petroleum Engineers Trans. 1959, v. 216, p. 437-440 incl. diagrams and tables

Baptist, O. C., 1960b, Oil recovery and formation damage in permafrost, Umiat field, Alaska: U. S. Bur. Mines Rept. Inv. 5642, 22 p., incl. sketch map, diagrams, and tables

Barker, Fred, 1963a, Exploration for antimony deposits at the Stampede Mine, Kantishna district, Alaska, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 10-17, illus., tables

Barker, Fred, 1963b, The Funter Bay nickel-copper deposit, Admiralty Island, Alaska, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 1-10, illus.

Barnes, D. F., 1960, Seismic velocity measurements at the Ogotoruk Creek Chariot site, northwestern Alaska: U. S. Geol. Survey Rept. TEI-753, p. 62-72 incl. index map and diagrams, Jan.

Barnes, D. F., 1961, Gravity low at Minto Flats, Alaska, Art. 383: U. S. Geol. Survey Prof. Paper 424-D, p. D254-D257, illus.

Barnes, D. F.; Allen, R. V., 1961, Preliminary results of gravity measurements between Kotzebue and Point Hope, Alaska: U. S. Geol. Survey Rept. TEI-779, p. 80-86, illus.

Barnes, D. F.; Hobbie, J. E., 1960, Rate of melting at the bottom of floating ice: Art. 181 in U. S. Geol. Survey Prof. Paper 400-B, p. B392-B394 incl. diagrams

Barnes, D. F.; Allen, R. V.; Bennett, H. F., 1960, Gravity surveys in Interior Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2085, Dec.

Barnes, D. F.; Allen, R. V.; Bennett, H. F., 1961, Preliminary results of gravity surveys in interior Alaska [abs.]: Alaskan Sci. Conf., 11th, Anchorage, Aug. 29 - Sept. 2, 1960, Proc., p. 164-165; Alaska Oil and Gas Yearbook 1960, p. 86

Barnes, F. F., 1960, Coal-bearing strata of the Matanuska coal field, Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 1820-1821, Dec.

Barnes, F. F., 1961, Coal fields of the United States - Sheet 2, Alaska: U. S. Geol. Survey, scale 1:5,000,000 (about 1 in. to 80 mi.)

Barnes, F. F., 1962a, Geologic map of lower Matanuska Valley, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-359, scale 1:63,360, section, text

Barnes, F. F., 1962b, Topographic and geologic map of the Knob Creek area of the Wishbone Hill district, Matanuska coal field, Alaska: U. S. Geol. Survey Coal Inv. Map C-51, scale 1:6,000, section, text

Barnes, F. F., 1962c, Variation in rank of Tertiary coals in the Cook Inlet basin, Alaska, in Geological Survey research 1962: U. S. Geol. Survey Prof. Paper 450-C, p. C14-C16, illus.

Barnes, F. F., 1964, Mineral fuel resources-Coal, in Mineral and water resources of Alaska: U. S. Cong., 88th, 2d sess., Comm. Print, p. 77-94, illus., tables

Bengtson, K. B., 1962, Recent history of the Brady Glacier, Glacier Bay National Monument, Alaska, U. S. A. [with French abstract], in Symposium of Obergurgl, 1962: Internat. Assoc. Sci. Hydrology Pub. 58, p. 78-87, illus., table

Ben-Menahem, Ari; Toksöz, M. N., 1963a, Source-mechanism from spectra of long-period seismic surface waves-[Pt.] 3, The Alaska earthquake of July 10, 1958 [abs.]: Am. Geophys. Union Trans., v. 44, no. 1, p. 101

Ben-Menahem, Ari; Toksöz, M. N., 1963b, Source-mechanism from spectra of long-period seismic surface waves-[Pt.] 3, The Alaska earthquake of July 10, 1958: Seismol. Soc. America Bull., v. 53, no. 5, p. 905-919, illus., tables

Benninghoff, W. S.; Holmes, G. W., 1961, Preliminary report on upper Cenozoic carbonaceous deposits in the Johnson River area, Alaska Range [abs.], in Geology of the Arctic, V. 1: Toronto, Ontario, Univ. Toronto Press, p. 599

Berg, H. C., 1960, Three areas of possible mineral resource potential in southeastern Alaska: Art. 19 in U. S. Geol. Survey Prof. Paper 400-B, p. B38-B39 incl. index map

Berg, H. C.; Hinckley, D. W., 1963, Reconnaissance geology of northern Baranof Island, Alaska: U. S. Geol. Survey Bull. 1141-0, p. 01-024, illus., geol. map

Berg, H. C.; MacKevett, E. M., Jr., 1960, Structural control of quick-silver ore at the Red Devil Mine, Alaska [abs.]: Alaskan Sci. Conf., 10th, Juneau, Aug. 25-28, 1959, Proc., p. 106, Dec.

Berg, H. C.; Eberlein, G. D.; MacKevett, E. M., Jr., 1964, Metallic and nonmetallic mineral resources - Metallic mineral resources, in Mineral and water resources of Alaska: U. S. Cong., 88th, 2d sess., Comm. Print, p. 95-125, illus., table

Bergquist, H. R., 1960, Occurrence of Foraminifera and conodonts in upper Paleozoic and Triassic rocks, northern Alaska: Jour. Paleontology, v. 34, no. 3, p. 596-601 incl. index map, May

Bergquist, H. R., 1961a, Early Cretaceous (middle Neocomian) microfossils in South-central Alaska, Art. 374: U. S. Geol. Survey Prof. Paper 424-D, p. D236-D237, illus.

Bergquist, H. R., 1961b, Foraminiferal zonation in Matanuska Formation, Squaw Creek-Nelchina River area, South-central Alaska: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 12, p. 1944-2011, illus., table

Berryhill, R. V., 1963, Reconnaissance of beach sands, Bristol Bay, Alaska: U. S. Bur. Mines Rept. Inv. 6214, 48 p., illus., tables

Black, R. F., 1963, Les coins de glace et le gel permanent dans le nord de l'Alaska: Annales Géographie, 72^e année, no. 391, p. 257-271, illus.

Black, R. F., 1964a, Gubik Formation of Quaternary age in northern Alaska - Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53 - Pt. 2, Regional studies: U. S. Geol. Survey Prof. Paper 302-C, p. 59-91, illus.

Black, R. F., 1964b, Periglacial studies in the United States 1959-1963: Biul. Peryglacjalny, no. 14, p. 5-29

Black, R. F.; Laughlin, W. S., 1964, Anangula - A geologic interpretation of the oldest archeological site in the Aleutians: Science, v. 143, no. 3612, p. 1321-1322, illus., table

Bogdanov, N. A., 1963, Tectonic development of Kolyma massif and eastern Arctic region during the Paleozoic [Russian text]: Akad. Nauk SSSR Geol. Inst. Trudy, v. 99, 235 p., illus.

Bolt, B. A., 1964, Seismic air waves from the great 1964 Alaska earthquake: Nature, v. 202, no. 4937, p. 1095-1096, illus., table

Bordet, Pierre; Tazieff, Haroun, 1963, Remarques sur l'éruption du Katmai et de la Vallée des Dix-Mille-Fumées et sur le problème des ignimbrites [The eruption of Katmai and the Valley of Ten Thousand Smokes, Alaska, and on the problem of ignimbrites]: Soc. Géol. France Bull., 7th ser., v. 5, no. 2, p. 210-213

Bordet, P.; Marinelli, G.; Mittempergher, M.; Tazieff, H., 1963, Contribution à l'étude volcanologique du Katmai et de la Vallée des Dix Mille Fumées (Alaska) [with English abstract]: Soc. Belge Géologie, Paléontologie et Hydrologie Mém., ser. 8, no. 7, 70 p., illus., tables

Borland, W. M., 1961, Sediment transport of glacier-fed streams in Alaska: Jour. Geophys. Research, v. 66, no. 10, p. 3347-3350, illus., table

Brabb, E. E., 1961, Reconnaissance of the Kandik and Nation Rivers, east-central Alaska, Art. 90: U. S. Geol. Survey Prof. Paper 424-B, p. B218

Brabb, E. E.; Miller, D. J., 1962, Reconnaissance traverse across the eastern Chugach Mountains, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-341, scale 1:96,000, section, text

Branson, C. C., 1962, *Conostichus*, a scyphomedusan index fossil: Oklahoma Geology Notes, v. 22, no. 10, p. 251-253, illus.; erratum, ibid., no. 11, p. 304

Brew, D. A.; Loney, R. A.; Pomeroy, J. S.; Muffler, L. J. P., 1963, Structural influence on development of linear topographic features, southern Baranof Island, Southeastern Alaska, in Geological Survey Research 1963: U. S. Geol. Survey Prof. Paper 475-B, p. B110-B113, illus.

Brewer, M. C., 1961, Temperature measurement studies, South Barrow test well 1, in Subsurface geology and engineering data, Pt. 5 of Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53: U. S. Geol. Survey Prof. Paper 305-K, p. 596

- Brosgé, W. P., 1960, Metasedimentary rocks in the south-central Brooks Range, Alaska: Art. 161 in U. S. Geol. Survey Prof. Paper 400-B, p. B351-B352 incl. geol. sketch map
- Brosgé, W. P.; Reiser, H. N., 1964, Geologic map and section of the Chandalar quadrangle, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-375, scale 1:250,000 (about 1 in. to 4 mi.), tables
- Brosgé, W. P.; Dutro, J. T., Jr.; Mangus, M. D.; Reiser, H. N., 1962, Paleozoic sequence in eastern Brooks Range, Alaska: Am. Assoc. Petroleum Geologists Bull., v. 46, no. 12, p. 2174-2198, illus.
- Brown, Jerry, 1963a, An organic terrain from a glaciated valley, northern Alaska, [abs.], in Alaskan Sci. Conf., 13th, Juneau, 1962, Proc.: Sci. Alaska 1962, p. 159-160
- Brown, Jerry, 1963b, Organic terrain from a glaciated valley, northern Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 287-288
- Brown, J.; Tedrow, J. C. F., 1964, Soils of the northern Brooks Range, Alaska - [Pt.] 4, Well-drained soils of the glaciated valleys: Soil Sci., v. 97, no. 3, p. 187-195, illus., tables
- Brown, J.; Grant, C. L.; Ugolini, F. C.; Tedrow, J. C. F., 1962, Mineral composition of some drainage waters from arctic Alaska: Jour. Geophys. Research, v. 67, no. 6, p. 2447-2453, illus., tables
- Brundage, H. T., 1963, Alaska at the crossroads: World Oil, v. 156, no. 7, p. 95-98, illus.
- Brune, J. N.; Nafe, J. E.; Oliver, J. E., 1960, Radiation pattern of Rayleigh waves from the southeastern Alaska earthquake of July 10, 1958 [abs.]: Jour. Geophys. Research, v. 65, no. 8, p. 2478-2479, Aug.
- Bush, Boyd; Schwarz, S. D., 1964, Report on geophysical investigation for reconstruction studies, Anchorage, Alaska, in Report on Anchorage area soil studies, Alaska: Seattle, Washington, Shannon and Wilson, Inc., app. p. F 1-4, illus.
- Bush, E. R., 1962, Developments in Alaska in 1961: Am. Assoc. Petroleum Geologists Bull., v. 46, no. 6, p. 1032-1041, illus., tables
- Byers, F. M., Jr., 1961, Petrology of three volcanic suites, Umnak and Bogoslof Islands, Aleutian Islands, Alaska: Geol. Soc. America Bull., v. 72, no. 1, p. 93-128, illus., tables
- Calderwood, K. W., 1963, Developments in Alaska in 1962: Am. Assoc. Petroleum Geologists Bull., v. 47, no. 6, p. 1200-1212, illus., tables
- Campbell, J. M., 1962, An anthropologist looks at the Arctic National Wildlife Range, in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 53-58
- Campbell, R. H., 1960a, Areal geology of the Ogotoruk Creek Chariot test site and adjacent areas to the west and north, northwestern Alaska: U. S. Geol. Survey Rept. TEI-753, p. 37-41, Jan.

Campbell, R. H., 1960b, Generalized stratigraphic section of the Lisburne group in the Point Hope A-2 quadrangle, northwestern Alaska: Art. 156 in U. S. Geol. Survey Prof. Paper 400-B, p. B337-B339

Campbell, R. H., 1961a, Areal geologic mapping in the Cape Thompson area, Alaska: U. S. Geol. Survey Rept. TEI-779, p. 28-42, illus., geol. map

Campbell, R. H., 1961b, Thrust faults in the southern Lisburne Hills, northwest Alaska, Art. 354: U. S. Geol. Survey Prof. Paper 424-D, p. D194-D196, illus.

Carson, C. E., 1962, The oriented lakes of Arctic Alaska.[abs.]: Dissert. Abs., v. 23, no. 3, p. 992

Carson, C. E., 1963, Oriented lakes in northern Alaska [abs.], in Inst. Lake Superior Geology, 9th Ann., 1963: Duluth, Minn., Univ. Minnesota, Dept. Geology, p. 2

Carson, C. E.; Hussey, K. M., 1960, Hydrodynamics in three Arctic lakes [Alaska]: Jour. Geology, v. 68, no. 6, p. 585-600 incl. diagrams, sketch maps and tables, illus., Nov.

Carson, C. E.; Hussey, K. [M.], 1963, The oriented lakes of Arctic Alaska - a reply: Jour. Geology, v. 71, no. 4, p. 532-533

Carson, C. E.; Hussey, K. M.; Roy, C. J.; O'Sullivan, J. B., 1960, Basin morphology and sediment distribution of an oriented Arctic lake [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 1840, Dec.

Carter, Adams; Atherton, David, 1961, Milton Mt. McKinley Range expedition, 1960 [with French and German abstracts]: Jour. Glaciology, v. 3, no. 30, p. 1123-1132, illus., table

Cederstrom, D. J., 1961a, Ground-water hydrology in Alaska, in Geology of the Arctic, V. 2: Toronto, Ontario, Univ. Toronto Press, p. 1014-1019

Cederstrom, D. J., 1961b, Origin of a salt-water lens in permafrost at Kotzebue, Alaska: Geol. Soc. America Bull., v. 72, no. 9, p. 1427-1431, illus., table

Cederstrom, D. J., 1963, Ground-water resources of the Fairbanks area, Alaska: U. S. Geol. Survey Water-Supply Paper 1590, 84 p., illus., tables

Cederstrom, D. J.; Trainer, F. W.; Waller, R. M., 1964, Geology and groundwater resources of the Anchorage area, Alaska: U. S. Geol. Survey Water-Supply Paper 1773, 108 p., illus., tables, geol. maps

Chaigneau, Marcel; Bordet, Pierre, 1963, Gaz occlus dans les verres de la vallée des Dix Mille Fumées (Katmai, Alaska): Acad. Sci. Comptes Rendus, v. 256, no. 14, p. 3167-3169, table

Chapman, R. M., 1963, Coal deposits along the Yukon River between Ruby and Anvik, Alaska, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 18-29, illus., tables

Chapman, R. M.; Cooley, E. F., 1962, Semiquantitative spectrographic analyses of 166 sediment samples from streams in Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 144-146, table; Geol. Soc. America Spec. Paper 68, p. 112-113

Chapman, R. M.; Sable, E. G., 1960, Geology of the Utukok-Corwin region, northwestern Alaska - Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53, Pt. 3, Areal geology: U. S. Geol. Survey Prof. Paper 303-C, p. 47-167 incl. plates and maps

Chapman, R. M.; Shacklette, H. T., 1960, Geochemical exploration in Alaska: Art. 49 in U. S. Geol. Survey Prof. Paper 400-B, p. B104-B107, incl. index map and tables

Chapman, R. M.; Detterman, R. L.; Mangus, M. D., 1964, Geology of the Killik-Etiviluk Rivers region, Alaska - Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53 - Pt. 3, Areal geology: U. S. Geol. Survey Prof. Paper 303-F, p. 325-407, illus., geol. maps

Chatterton, C. V., 1963, Alaska - Oil and forget-me-nots: Jour. Petroleum Technology, v. 15, no. 5, p. 471-478, illus.

Christensen, M. N.; Bolt, B. A., 1964, Earth movements: Alaskan earthquake, 1964: Science, v. 145, no. 3637, p. 1207-1216

Church, R. E.; Durfee, M. C., 1962, Geology of the Fossil Creek area, White Mountains, Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 127-128; Geol. Soc. America Spec. Paper 68, p. 113

Clayton, Lee, 1964, Karst topography on stagnant glaciers [with French and German abstracts]: Jour. Glaciology, v. 5, no. 37, p. 107-112, illus.

Coats, R. R., 1961, Magma type and crustal structure in the Aleutian arc [abs.]: Pacific Sci. Cong., 10th, Honolulu, 1961, Abs. Symposium Papers, p. 390

Coats, R. R., 1962, Magma type and crustal structure in the Aleutian arc, in The crust of the Pacific Basin: Am. Geophys. Union Geophys. Mon. 6 (Natl. Acad. Sci. - Natl. Research Council Pub. 1035), p. 92-109, illus.

Coats, R. R.; Nelson, W. H.; Lewis, R. Q.; Powers, H. A., 1961, Geologic reconnaissance of Kiska Island, Aleutian Islands, Alaska: U. S. Geol. Survey Bull. 1028-R, p. 563-581, illus., tables, geol. map

Cobb, E. H., (compiler), 1960a, Antimony, bismuth, and mercury occurrences in Alaska: U. S. Geol. Survey Mineral Inv. Resource Map MR-11, scale 1:2,500,000 (about 1 in. to 39 mi.)

Cobb, E. H., (compiler), 1960b, Chromite, cobalt, nickel, and platinum occurrences in Alaska: U. S. Geol. Survey Mineral Inv. Resource Map MR-8, scale 1:2,500,000 (about 1 in. to 39 mi.)

Cobb, E. H., (compiler), 1960c, Copper, lead, and zinc occurrences in Alaska: U. S. Geol. Survey Mineral Inv. Resource Map MR-9, scale 1:2,500,000 (about 1 in. to 39 mi.)

Cobb, E. H., (compiler), 1960d, Molybdenum, tin, and tungsten occurrences in Alaska: U. S. Geol. Survey Mineral Inv. Resource Map MR-10, scale 1:2,500,000 (about 1 in. to 39 mi.)

Cobb, E. H., (compiler), 1962, Lode gold and silver occurrences in Alaska: U. S. Geol. Survey Mineral Inv. Resource Map MR-32, scale 1:2,500,000

Cobb, E. H., 1964a, Industrial minerals and construction materials occurrences in Alaska: U. S. Geol. Survey Mineral Inv. Resource Map MR-41, scale 1:2,500,000

Cobb, E. H., 1964b, Placer gold occurrences in Alaska: U. S. Geol. Survey Mineral Inv. Resource Map MR-38, scale 1:2,500,000, separate text

Cobb, E. H.; Kachadoorian, Rauben, 1961, Index of metallic and nonmetallic mineral deposits of Alaska compiled from published reports of federal and state agencies through 1959: U. S. Geol. Survey Bull. 1139, 363 p., illus.

Cobban, W. A.; Gryc, George, 1961, Ammonites from the Seabee formation (Cretaceous) of northern Alaska: Jour. Paleontology, v. 35, no. 1, p. 176-190, illus., tables

Colinvaux, P. A., 1962, Pollen studies at Imuruk Lake, Seward Peninsula, Alaska [abs.]: Pollen et Spores, v. 4, no. 2, p. 340

Colinvaux, P. A., 1963a, A pollen record from Arctic Alaska reaching glacial and Bering land bridge times: Nature, v. 198, no. 4880, p. 609-610, illus., table

Colinvaux, P. A., 1963b, The environment of the Bering land bridge [abs.]: Dissert. Abs., v. 23, no. 11, p. 4311

Colinvaux, P. A., 1964, Origin of ice ages - Pollen evidence from Arctic Alaska: Science, v. 145, no. 3633, p. 707-708, illus.

Collins, F. R., 1961, Core tests and test wells, Barrow area, Alaska, in Subsurface geology and engineering data, Pt. 5 of Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53: U. S. Geol. Survey Prof. Paper 305-K, p. 569-644, illus.

Condon, W. H., 1961, Geology of the Craig quadrangle, Alaska: U. S. Geol. Survey Bull. 1108-B, p. B1-B43, illus., geol. map

Coulter, H. W.; Coulter, E. B., 1961, Geology of the Valdez (A-5) quadrangle, Alaska: U. S. Geol. Survey Geol. Quad. Map GQ-142, scale 1:63,360, section, text

Coulter, H. W.; Coulter, E. B., 1962, Preliminary geologic map of the Valdez-Tiakiel belt, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-356, scale 1:96,000

Crary, A. P.; Field, W. O.; Meier, M. F., 1962, The United States glaciological researches during the International Geophysical Year [with French and German abstracts]: Jour. Glaciology, v. 4, no. 31, p. 5-24, illus.

Creager, J. S., 1963, Sedimentation in a high energy, embayed, continental shelf environment: Jour. Sed. Petrology, v. 33, no. 4, p. 815-830, illus.

Creager, J. S.; McManus, D. A., 1964, Notes on bottom sediments of the Chukchi Sea: U. S. Coast Guard Oceanog. Rept. 1, p. 23-24, illus.

- Currey, D. R., 1964, A preliminary study of valley asymmetry in the Ogotoruk Creek area, northwestern Alaska: *Arctic*, v. 17, no. 2, p. 84-98, illus.
- Davis, T. N., 1960a, A field report on the Alaska earthquakes of April 7, 1958: *Seismol. Soc. America Bull.*, v. 50, no. 4, p. 489-510 incl. index and sketch maps, section, and illus., Oct.
- Davis, T. N., 1960b, Sand flows and surface collapses associated with the Koyukuk Basin, Alaska, earthquake of April 7, 1958 [abs.]: *Jour. Geophys. Research*, v. 65, no. 4, p. 1313, Apr.
- Davis, T. N., 1963, Seismic history of Alaska and the Aleutian Islands: *Bol. Bibliog. Geofísica y Oceanografía Am.*, v. 3, pt. Geofísica, 1960-62, p. 1-16, illus.
- Davis, T. N.; Echols, Carol, 1962, A table of Alaskan earthquakes, 1788-1961: *Alaska Univ. Geophys. Inst. [Rept. Ser.] UAG-R131 (Geophys. Research Rept. 8)*, [44] p., illus., tables
- Davis, T. N.; Sanders, N. K., 1960, Alaska earthquake of July 10, 1958 - Intensity distribution and field investigation of northern epicentral region: *Seismol. Soc. America Bull.*, v. 50, no. 2, p. 221-252 incl. sketch maps, diagrams, and illus., Apr.
- Davison, K., 1963, Cook Inlet gas finds are important: *World Oil*, v. 157, no. 7, p. 92, 95-96, 98, illus., tables
- Decker, R. W., 1964, Geophysical investigations in Katmai National Monument, Alaska [abs.]: *Am. Geophys. Union Trans.*, v. 45, no. 1, p. 124
- Detterman, R. L., 1963, Revised stratigraphic nomenclature and age of the Tuxedni Group in the Cook Inlet region, Alaska, in *Geological Survey Research 1963: U. S. Geol. Survey Prof. Paper 475-C*, p. C30-C34, illus.
- Detterman, R. L.; Reed, B. L., 1964, Preliminary map of the geology of the Iliamna quadrangle, Alaska: *U. S. Geol. Survey Misc. Geol. Inv. Map I-407*, scale 1:250,000 (1 in. to 4 mi.) with section and table
- Detterman, R. L.; Bickel, R. S.; Gryc, George, 1963, Geology of the Chandler River region, Alaska - Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53-Pt. 3, Areal geology: *U. S. Geol. Survey Prof. Paper 303-E*, p. 233-324, illus., geol. maps
- Dietz, R. S.; Carsola, A. J.; Buffington, E. C.; Shipek, C. J., 1964, Sediments and topography of the Alaskan shelves, [Chap.] 12 in *Papers in marine geology - Shepard Commemorative Volume*: New York, Macmillan Company, p. 241-256, illus., table
- Dobrovolsky, Ernest; Miller, R. C.; Lemke, R. W., 1964, Urban reconstruction in damaged areas of Alaska [abs.]: *Mining Eng.*, v. 16, no. 7, p. 128B
- Donn, W. L., 1964, Alaskan earthquake of 27 March 1964 - Remote seiche stimulation: *Science*, v. 145, no. 3629, p. 261-262, illus.
- Donn, W. L.; Posmentier, E. S., 1964, Ground-coupled air waves from the great Alaska earthquake: *Jour. Geophys. Research*, v. 69, no. 24, p. 5357-5361, illus.

- Dorr, J. A., Jr., 1964, Tertiary non-marine vertebrates in Alaska - The lack thereof: Am. Assoc. Petroleum Geologists Bull., v. 48, no. 7, p. 1198-1203, illus.
- Drew, J. V.; Tedrow, J. C. F., 1962, Arctic soil classification and patterned ground: Arctic, v. 15, no. 2, p. 109-116, illus., tables
- Drewes, Harald; Fraser, G. D.; Snyder, G. L.; Barnett, H. F., Jr., 1961, Geology of Unalaska Island and adjacent insular shelf, Aleutian Islands, Alaska: U. S. Geol. Survey Bull. 1028-S, p. 583-676, illus., tables, geol. map
- Duda, S. I., 1962, Phänomenologische Untersuchung einer Nachbeterserie aus dem Gebiet der Aläuten-inseln: Freiburger Forschungschefte C 132, p. 5-90, illus., tables
- Dutro, J. T., Jr., 1961, Correlation of Palaeozoic rocks in Alaska [abs.], in Geology of the Arctic, V. 1: Toronto, Ontario, Univ. Toronto Press, p. 597
- Dutro, J. T., Jr.; Douglass, R. C., 1961, Pennsylvanian rocks in southeastern Alaska, Art. 101: U. S. Geol. Survey Prof. Paper 424-B, p. B239-B241, illus.
- Dutro, J. T., Jr.; Ross, R. J., Jr., 1964, Probable Late Ordovician (Ashgill) brachiopods from east-central Alaska [abs.]: Geol. Soc. America Spec. Paper 76, p. 53
- Eberlein, G. D., 1961, Possible Alaskan sites for nuclear reaction experiments in limestone, in Preliminary results of a survey for thick high-calcium limestone deposits in the United States: U. S. Geol. Survey Rept. TEI-780, p. 34-45, illus., tables
- Eklund, C. R., 1962, U. S. Army cold weather research [abs.]: Geol. Soc. America Spec. Paper 68, p. 114
- Elvers, Douglas; Yellin, Martin; Peter, George, 1964, Crustal structure of an area 120 miles wide and 600 miles long across the Aleutian Trench southwest of Kodiak Island [abs.]: Am. Geophys. Union Trans., v. 45, no. 1, p. 47
- Everett, K. R., 1962, Quantitative analysis of slope movement in northwestern Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 149-150; Geol. Soc. America Spec. Paper 68, p. 115
- Everett, K. R., 1963, Quantitative measurement of soil movement [abs.]: Geol. Soc. America Spec. Paper 73, p. 147-148
- Everett, K. R., 1964, Slope movement in contrasting environments [abs.]: Dissert. Abs., v. 24, no. 7, p. 2868-2869
- Faas, R. W., 1963, Foraminiferal paleoecology of the Gubik (Pleistocene) Formation of the Barrow area, northern Alaska: Iowa Acad. Sci. Proc. 1962, v. 69, p. 354-361, illus., table
- Farrand, W. R., 1961, Frozen mammoths and modern geology: Science, v. 133, no. 3455, p. 729-735, illus., table
- Fellows, R. S., 1960, The influence of climatic factors on the geomorphology of a part of the Coastal Plain of northern Alaska [abs.]: Dissert. Abs., v. 20, no. 11, p. 4368, May

Fernald, A. T., 1960, Geomorphology of the upper Kuskokwim region, Alaska: U. S. Geol. Survey Bull. 1071-G, p. 191-279, illus., geol. maps

Fernald, A. T., 1962, Radiocarbon dates relating to a widespread volcanic ash deposit, eastern Alaska, in Geological Survey Research 1962: U. S. Geol. Survey Prof. Paper 450-B, p. B29-B30

Fernald, A. T., 1964, Surficial geology of the central Kobuk River valley, north-western Alaska: U. S. Geol. Survey Bull. 1181-K, p. K1-K31, illus., geol. map

Ferrians, O. J., Jr., 1963a, Glaciolacustrine diamicton deposits in the Copper River Basin, Alaska, in Geological Survey Research 1963: U. S. Geol. Survey Prof. Paper 475-C, p. C121-C125, illus.

Ferrians, O. J., Jr., 1963b, Till-like glaciolacustrine deposits in the Copper River Basin, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 151

Feulner, A. J., 1963a, Data on wells in the King Salmon area, Alaska: Alaska Dept. Health and Welfare Water-Hydrol. Data 24, 18 p., illus., tables

Feulner, A. J., 1963b, Water-supply potential in the Ohlson Mountain area, Kenai Peninsula, Alaska: Alaska Dept. Health and Welfare Water-Hydrol. Data 22, 16 p., tables

Feulner, A. J., 1964, Galleries and their use for development of shallow ground-water supplies, with special reference to Alaska: U. S. Geol. Survey Water-Supply Paper 1809-E, p. E1-E16, illus.

Feulner, A. J.; Schupp, R. G., 1963, Seasonal changes in the chemical quality of shallow ground water in northwestern Alaska, in Geological Survey Research 1963: U. S. Geol. Survey Prof. Paper 475-B, p. B189-B191, illus., table

Feulner, A. J.; Schupp, R. G., 1964, Temperature and chemical quality of water from a well drilled through permafrost near Bethel, Alaska, in Geological Survey Research 1964: U. S. Geol. Survey Prof. Paper 501-D, p. D144-D148, illus., table

Field, W. O., Jr., 1960, Some recent observations of glacier behavior in Alaska [abs.]: Alaskan Sci. Conf., 10th, Juneau, Aug. 25-28, 1959, Proc., p. 107, Dec.

Fleming, R. H., 1960, Oceanographic survey of the eastern Chukchi Sea [Alaska] [abs.]: Jour. Geophys. Research, v. 65, no. 4, p. 1314, Apr.

Forbes, R. B., 1960a, Preliminary investigations of the petrology and structure of the Birch Creek schist in the Fairbanks and Circle districts, Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2085, Dec.

Forbes, R. B., 1960b, The bedrock geology and petrology of the Juneau ice field area [abs.]: Alaskan Sci. Conf., 10th, Juneau, Aug. 25-28, 1959, Proc., p. 107-108, Dec.

Forbes, R. B., 1960c, The bedrock geology and petrology of the Juneau ice field area, Southeastern Alaska [abs.]: Dissert. Abs., v. 20, no. 7, p. 2756-2757, Jan.

Forbes, R. B., 1961, Preliminary investigations of the petrology and structure of the Birch Creek schist in the Fairbanks and Circle districts, Alaska [abs.]: Alaskan Sci. Conf., 11th, Anchorage, Aug. 29-Sept. 2, 1960, Proc., p. 167-168; Alaska Oil and Gas Yearbook 1960, p. 84-85

Forbes, R. B.; Brown, J. M., 1961, A preliminary map of the bedrock geology of the Fairbanks Mining District, Alaska: Alaska Div. Mines and Minerals Mineral Inv. Rept. 194-1, scale about 1 in. to 1 mi., text

Fourmarier, P., 1963, La géologie de l'Arctique d'après quelques publications récentes-Comparaison avec l'Antarctique: Acad. Royale Belgique Bull. Cl. Sci., ser. 5, v. 49, no. 10, p. 1074-1115, illus.

Freeman, V. L., 1963, Examination of uranium prospects, 1956, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 29-33

Gates, G. O., 1962, Exploration and development of oil and gas resources of Alaska, in United Nations, Econ. Comm. Asia and Far East (ECAFE), sub.-Comm. Mineral Resources Devel., 2nd Symposium on the development of the petroleum resources of Asia and the Far East - U. S. Contr.: Washington, D. C., U. S. Dept. Interior, p. 102-107, table

Gates, G. O., 1963, Exploration and development of oil and gas resources of Alaska, in Proceedings of the 2d symposium on the development of petroleum resources of Asia and the Far East: United Nations Econ. Comm. Asia and Far East Mineral Resources Devel. Ser., no. 18, v. 1, p. 127-129

Gates, G. O., 1964, Geology - Geologic and tectonic setting, in Mineral and water resources of Alaska: U. S. Cong., 88th, 2d sess., Comm. Print, p. 32-39, geol. map

Gates, G. O.; Gryc, George, 1961, Structure and tectonic history of Alaska [abs.]: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 3, p. 418-419

Gates, G. O.; Gryc, George, 1963, Structure and tectonic history of Alaska, in Backbone of the Americas: Am. Assoc. Petroleum Geologists Mem. 2, p. 264-277, illus.

Gibson, W. M., 1960, Submarine topography in the Gulf of Alaska: Geol. Soc. America Bull., v. 71, no. 7, p. 1087-1107 incl. sketch map and profiles, bathymetric chart, July

Goldthwait, R. P., 1960, Post-Wisconsin glacial changes in southeast Alaska [abs.]: Alaskan Sci. Conf., 10th, Juneau, Aug. 25-28, 1959, Proc., p. 108-109, Dec.

Goldthwait, R. P., 1963, Dating the Little Ice Age in Glacier Bay, Alaska: Internat. Geol. Cong., 21st, Copenhagen, 1960, Rept., pt. 27, p. 37-46, illus., tables

Goldthwait, R. P.; McKellar, I. C.; Cronk, Caspar, 1963, Fluctuations of Crillon Glacier system, southeast Alaska [with French abs.]: Internat. Assoc. Sci. Hydrology Bull., v. 8, no. 1, p. 62-74, illus.

Gorshkov, G. S., 1962, On the classification and terminology of Pelée and Katmai type eruptions: Bull. Volcanol., v. 24, p. 155-165, table

Grantz, Arthur, 1960a, Generalized geologic map of the Nelchina area, Alaska, showing igneous rocks and larger faults: U. S. Geol. Survey Misc. Geol. Inv. Map I-312, scale 1:96,000 (about 1 in. to 1 1/2 mi.) with text

Grantz, Arthur, 1960b, Geologic map of Talkeetna Mountains (A-1) quadrangle, and the south third of Talkeetna Mountains (B-1) quadrangle, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-314, scale 1:48,000 (1 in. to 4,000 ft.) with sections

Grantz, Arthur, 1960c, Geologic map of Talkeetna Mountains (A-2) quadrangle, Alaska, and the contiguous area to the north and northwest: U. S. Geol. Survey Misc. Geol. Inv. Map I-313, scale 1:48,000 (1 in. to 4,000 ft.) with sections

Grantz, Arthur, 1961a, Geologic map of the north two-thirds of Anchorage (D-1) quadrangle, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-343, scale 1:48,000

Grantz, Arthur, 1961b, Geologic map and cross sections of the Anchorage (D-2) quadrangle and northeasternmost part of the Anchorage (D-3) quadrangle, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-342, scale 1:48,000

Grantz, Arthur, 1963, Aerial reconnaissance of the outer Shumagin Islands, Alaska, in Geological Survey Research 1963: U. S. Geol. Survey Prof. Paper 475-B, p. B106-B109, illus.

Grantz, Arthur, 1964a, Mineral fuel resources - Southern Alaska, in Mineral and water resources of Alaska: U. S. Cong., 88th, 2d sess., Comm. Print, p. 44-62, illus., geol. map

Grantz, Arthur, 1964b, Stratigraphic reconnaissance of the Matanuska Formation in the Matanuska Valley, Alaska: U. S. Geol. Survey Bull. 1181-I, p. 11-133, illus., tables

Grantz, Arthur; Jones, D. L., 1960, Stratigraphy and age of the Matanuska Formation, south-central Alaska: Art. 159 in U. S. Geol. Survey Prof. Paper 400-B, p. B347-B350, incl. geol. sketch map, sections, and table

Grantz, Arthur; Wolfe, J. A., 1961, Age of Arkose Ridge Formation, south-central Alaska: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 10, p. 1762-1765, table, geol. map

Grantz, Arthur; Zietz, Isidore, 1960, Possible significance of broad magnetic highs over belts of moderately deformed sedimentary rocks in Alaska and California: Art. 158 in U. S. Geol. Survey Prof. Paper 400-B, p. B342-B347, incl. aeromagnetic map and profiles

Grantz, Arthur; Zietz, Isidore, 1962, Regional aeromagnetic surveys for petroleum in Alaska in United Nations, Econ. Comm. Asia and Far East (ECAFE), Sub.-Comm. Mineral Resources Devel., 2nd Symposium on the development of the petroleum resources of Asia and the Far East - U. S. Contr.: Washington, D. C., U. S. Dept. Interior, p. 108-117, illus.

Grantz, Arthur; Zietz, Isidore, 1963, Regional aeromagnetic surveys for petroleum in Alaska, in Proceedings of the 2d symposium on the development of petroleum resources of Asia and the Far East: United Nations Econ. Comm. Asia and Far East Mineral Resources Devel. Ser., no. 18, v. 1, p. 381-384

Grantz, Arthur; Zietz, Isidore; Andreasen, G. E., 1963, An aeromagnetic reconnaissance of the Cook Inlet area, Alaska: U. S. Geol. Survey Prof. Paper 316-G, p. 117-134, illus.

Grantz, Arthur; Thomas, Herman; Stern, T. W.; Sheffey, N. B., 1963, Potassium-argon and lead-alpha ages for stratigraphically bracketed plutonic rocks in the Talkeetna Mountains, Alaska, in Geological Survey Research 1963: U. S. Geol. Survey Prof. Paper 475-B, p. B56-B59, illus., tables, geol. map

Grantz, Arthur; White, D. E.; Whitehead, H. C.; Tagg, A. R., 1962, Saline springs, Copper River lowland, Alaska: Am. Assoc. Petroleum Geologists Bull., v. 46, no. 11, p. 1990-2002, illus., tables

Graves, W. P. E., 1964, Horror strikes on Good Friday: Natl. Geog. Mag., v. 126, no. 1, p. 112-139

Greene, G. W.; Lachenbruch, A. H.; Brewer, M. C., 1960, Some thermal effects of a roadway on permafrost: Art. 63 in U. S. Geol. Survey Prof. Paper 400-B, p. B141-B144 incl. diagrams and table

Griffiths, T. M., 1960, The landscapes of far Alaska: Nat. History, v. 69, no. 1, p. 6-23, incl. illus., Jan.

Grogan, R. M., 1964, Finding sources of fluorine [abs.]: Mining Eng., v. 16, no. 1, p. 65

Gruening, Ernest, 1963, Lonely wonders of Katmai: Natl. Geog. Mag., v. 123, no. 6, p. 800-831, illus.

Gryc, George, 1961, Progress report - A study of tectonics of Alaska [abs.]: in Geology of the Arctic, V. 1: Toronto, Ontario, Univ. Toronto Press, p. 596

Gupta, I. N., 1964a, A note on the Alaska earthquake of July 10, 1958: Seismol. Soc. America Bull., v. 54, no. 6, pt. A, p. 2081-2083, tables

Gupta, I. N., 1964b, Discussion of "Source mechanism from spectra of long-period seismic surface waves - Pt. 3, The Alaska earthquake of July 10, 1958" by A. Ben-Menahem and M. N. Toksöz (1963): Seismol. Soc. America Bull., v. 54, no. 6, pt. A, p. 2085-2086

Haag, W. G., 1962, The Bering Strait land bridge: Sci. American, v. 206, no. 1, p. 112-120, 123, illus.

Hamelin, Louis-Edmond, 1964, La périglaciaire du Massif Juneau en Alaska: Bul. Peryglacialny, ser. 3, no. 13, p. 5-14, illus.

Hanna, G. D., 1963, Oil seepages on the Arctic Coastal Plain, Alaska: California Acad. Sci. Occasional Paper 38, 18 p., illus.

Hanson, L. G., 1963, Bedrock geology of the Rainbow Mountain area, Alaska Range, Alaska: Alaska Div. Mines and Minerals Geol. Rept. no. 2, 82 p., illus., tables, geol. map

Harrison, A. E., 1962, Glacial surges [abs.]: Jour. Geophys. Research, v. 67, no. 4, p. 1639

Harrison, A. E., 1964, Ice surges on the Muldrow Glacier, Alaska: Jour. Glaciology, v. 5, no. 39, p. 365-368

Hazzard, J. C.; Moran, W. R.; Lian, H. M.; Simonson, R. R., 1963, The search for oil in Alaska - An analysis of a successful exploration cycle, in Proceedings of the 2d symposium on the development of petroleum resources of Asia and the Far East: United Nations Econ. Comm. Asia and Far East Mineral Resources Devel. Ser., no. 18, v. 1, p. 372-381, illus.

Heinsohn, F. P.; Johnson, P. L.; Poulin, A. O., 1964, Illustrated summary of the geology of the Yukon Flats region, Alaska: U. S. Army Materiel Command Cold Regions Research and Eng. Lab. Tech. Rept. 154, 27 p., illus.

Henderson, J. R.; Vargo, J. L.; others, 1963, Aeromagnetic map of part of the Dillingham quadrangle, Alaska: U. S. Geol. Survey Geophys. Inv. Map GP-352, scale 1:125,000

Herbert, C. F., 1961, Prospecting and politics: Mining Eng., v. 13, no. 12, p. 1326-1328, illus.

Herbert, C. F.; Race, W. H., 1964, Geochemical investigations of selected areas in Southeastern Alaska, 1964: Alaska Div. Mines and Minerals Geochem. Rept., no. 1, 27 p., illus., tables

Herreid, Gordon, 1960, Geology of the Red Devil quicksilver mine, Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2086, Dec.

Herreid, Gordon, 1961a, Geology and ore deposits of Alaska: Mining Eng., v. 13, no. 12, p. 1316-1325, illus.

Herreid, Gordon, 1961b, Geology of the Red Devil quicksilver mine [abs.]: Alaskan Sci. Conf., 11th, Anchorage, Aug. 29-Sept. 2, 1960, Proc., p. 163-164

Herreid, Gordon, 1964, Geology of the Niblack Anchorage area, southeastern Alaska: Alaska Div. Mines and Minerals Geol. Rept., no. 5, 10 p., geol. map

Herreid, Gordon; Kaufman, M. A., 1964, Geology of the Dry Pass area, southeastern Alaska: Alaska Div. Mines and Minerals Geol. Rept., no. 7, 12 p., illus., geol. map

Hessler, V. P.; Heacock, R. R., 1962, Earth currents at the auroral zone: Alaska Univ. Geophys. Inst. [Rept. Ser.] UAG-R133 (U. S. Air Force Cambridge Research Rept. AFCRL 63-207), [54] p., illus., tables

Heusser, C. J., 1963a, Pollen diagrams from Ogotoruk Creek, Cape Thompson, Alaska: Grana Palynologica, v. 4, no. 1, p. 149-159, illus.

Heusser, C. J., 1963b, Postglacial palynology and archaeology in the Naknek River drainage area, Alaska: Am. Antiquity, v. 29, no. 1, p. 74-81, illus.

Heusser, C. J.; Marcus, M. G., 1964a, Historical variations of Lemon Creek Glacier, Alaska, and their relationship to the climatic record [with French and German abstracts]: Jour. Glaciology, v. 5, no. 37, p. 77-86, illus.

Heusser, C. J.; Marcus, M. G., 1964b, Surface movement, hydrological change and equilibrium flow on Lemon Creek Glacier, Alaska [with French and German abstracts]: Jour. Glaciology, v. 5, no. 37, p. 6-75, illus.

Hill, D. E.; Tedrow, J. C. F., 1961, Weathering and soil formation in the arctic environment: Am. Jour. Sci., v. 259, no. 2, p. 84-101, illus., tables

Hill, M. L., 1963a, Cook Inlet basin may have several more large fields: World Oil, v. 157, no. 2, p. 77-80, illus.

Hill, M. L., 1963b, Here's how Alaska's search for oil is going at Cook Inlet: Oil and Gas Jour., v. 61, no. 26, p. 194, 196-198, illus.

Hill, M. L., 1963c, Petroleum exploration, Cook Inlet area, Alaska [abs.]: Jour. Petroleum Technology, v. 15, no. 9, p. 977

Hill, M. L., 1964, Occurrences of petroleum in the Cook Inlet area, Alaska [with French abstract], in Geophysics and geology: World Petroleum Cong., 6th, Frankfurt am Main, 1963, Proc., sec. 1, p. 509-517, illus., geol. map

Hoare, J. M., 1961, Geology and tectonic setting of lower Kuskokwim - Bristol Bay region, Alaska: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 5, p. 594-611, table, geol. map

Hoare, J. M.; Coonrad, W. L., 1961a, Geologic map of the Goodnews quadrangle, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-339, scale 1:250,000, text

Hoare, J. M.; Coonrad, W. L., 1961b, Geologic map of the Hagemeister Island quadrangle, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-321, scale 1:250,000, sections, text

Hoare, J. M.; Condon, W. H.; Patton, W. W., Jr., 1964, Occurrence and origin of laumontite in Cretaceous sedimentary rocks in western Alaska: U. S. Geol. Survey Prof. Paper 501-C, p. C74-C78, illus.

Holland, G. P., 1963, Faunal affinities of the fleas (Siphonaptera) of Alaska, with an annotated list of species, in Pacific Basin biogeography, A symposium - Pacific Sci. Cong., 10th, Honolulu, 1961: Honolulu, Hawaii, Bishop Mus. Press, p. 45-63, illus.

Holmes, G. W.; Hopkins, D. M.; Foster, H. L., 1963, Pingos in central Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 173

Holmes, W. G.; Lewis, C. R., 1961, Glacial geology of the Mount Chamberlin area, Brooks Range, Alaska, in Geology of the Arctic, V. 2: Toronto, Ontario, Univ. Toronto Press, p. 848-864, illus., tables, geol. map

Hopkins, D. M., 1963, Geology of the Imuruk Lake area, Seward Peninsula, Alaska: U. S. Geol. Survey Bull. 1141-C, p. C1-C101, illus., tables, geol. map

Hopkins, D. M.; Benninghoff, W. S., 1961, Upper Tertiary sediments in Alaska and northwestern Canada [abs.], in Geology of the Arctic, V. 1: Toronto, Ontario, Univ. Toronto Press, p. 598

Hopkins, D. M.; MacNeil, F. S., 1960, A marine fauna probably of late Pliocene age near Kivalina, Alaska: Art. 157 in U. S. Geol. Survey Prof. Paper 400-B, p. B339-B342, incl. index map, section, and table

Hopkins, D. M.; Taber, Bond, 1962, Asymmetrical valleys in central Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 146-147; Geol. Soc. America Spec. Paper 68, p. 33, 116

Hopkins, D. M.; MacNeil, F. S.; Leopold, E. B., 1960, The coastal plain at Nome, Alaska -- A late Cenozoic type section for the Bering Strait region: Internat. Geol. Cong., 21st, Copenhagen, 1960, Rept., pt. 4, p. 46-57, incl. geol. sketch map, section, diagram, and table

Hopkins, D. M.; McCulloch, D. S.; Janda, R. J., 1962, Pleistocene stratigraphy and structure of Baldwin Peninsula, Kotzebue Sound, Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 150-151; Geol. Soc. America Spec. Paper 68, p. 116

Hume, J. D., 1962, Shallow-water studies in the vicinity of Barrow, Alaska, in Natl. Coastal and Shallow Water Research Conf., 1st, 1961, Proc: [Washington, D. C.] Natl. Sci. Found. and [U. S.] Office Naval Research, p. 95-99, illus.

Hume, J. D., 1963, Floating sand and pebbles near Barrow, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 176

Hume, J. D., 1964, Floating sand and pebbles near Barrow, Alaska: Jour. Sed. Petrology, v. 34, no. 3, p. 532-536, illus.

Hume, J. D.; Schalk, Marshall, 1963, The effects of beach borrowing in the Arctic [abs.]: Am. Geophys. Union Trans., v. 44, no. 1, p. 67

Hume, J. D.; Schalk, Marshall, 1964a, The effects of beach borrow in the Arctic: Shore and Beach, v. 32, no. 1, p. 37-41, illus.

Hume, J. D.; Schalk, Marshall, 1964b, The effects of ice-push on Arctic beaches: Am. Jour. Sci., v. 262, no. 2, p. 267-273, illus.

Hummel, C. L., 1960a, Structural geology and structural control of mineral deposits in an area near Nome, Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2063, Dec.

Hummel, C. L., 1960b, Structural geology and structural control of mineral deposits near Nome, Alaska: Art. 17 in U. S. Geol. Survey Prof. Paper 400-B, p. B33-B35, incl. geol. sketch map

Hummel, C. L., 1961, Regionally metamorphosed metalliferous contact-metasomatic deposits near Nome, Alaska, Art. 356: U. S. Geol. Survey Prof. Paper 424-D, p. D198-D199, illus.

Hummel, C. H. L., 1962a, Preliminary geologic map of the Nome C-1 quadrangle, Seward Peninsula, Alaska: U. S. Geol. Survey Mineral Inv. Field Studies Map MF-247, scale 1:63,360

Hummel, C. H. L., 1962b, Preliminary geologic map of the Nome D-1 quadrangle, Seward Peninsula, Alaska: U. S. Geol. Survey Mineral Inv. Field Studies Map MF-248, scale 1:63,360

Hummel, C. L.; Chapman, R. M., 1960, Geologic and economic significance of some geochemical results obtained from stream sediment samples near Nome, Alaska: Art. 16 in U. S. Geol. Survey Prof. Paper 400-B, p. B30-B33, incl. index map and table

Hurley, R. J.; Nayudu, Y. R., 1961, Postglacial volcanism in the Gulf of Alaska [abs.]: Pacific Sci. Cong., 10th, Honolulu, 1961, Abs. Symposium Papers, p. 372-373

Hussey, K. M., 1963, Ground patterns as keys to photointerpretation of Arctic terrain: Iowa Acad. Sci. Proc. 1962, v. 69, p. 332-341, illus.

Imlay, R. W., 1960, Early Cretaceous (Albian) ammonites from the Chitina Valley and Talkeetna Mountains, Alaska: U. S. Geol. Survey Prof. Paper 354-D, p. 87-114, illus.

Imlay, R. W., 1961a, Characteristic Lower Cretaceous megafossils from northern Alaska: U. S. Geol. Survey Prof. Paper 335, 74 p., illus., tables

Imlay, R. W., 1961b, New genera and subgenera of Jurassic (Bajocian) ammonites from Alaska: Jour. Paleontology, v. 35, no. 3, p. 467-474, illus.

Imlay, R. W., 1962a, Jurassic (Bathonian or early Callovian) ammonites from Alaska and Montana: U. S. Geol. Survey Prof. Paper 374-C, p. C1-C32, illus., tables

Imlay, R. W., 1962b, Late Bajocian ammonites from the Cook Inlet region, Alaska: U. S. Geol. Survey Prof. Paper 418-A, p. A1-A15, illus., tables

Imlay, R. W., 1964, Middle Bajocian ammonites from the Cook Inlet region, Alaska: U. S. Geol. Survey Prof. Paper 418-B, p. B1-B61, illus., tables

Irvine, T. N., 1961, Ultramafic complex at Duke Island, southeastern Alaska [abs.]: Jour. Geophys. Research, v. 66, no. 8, p. 2538

Irvine, T. N., 1962, Mineralogy and petrology of the ultramafic complex at Duke Island, S. E. Alaska [abs.]: Am. Mineralogist, v. 47, nos. 1-2, p. 193

Irvine, T. N., 1963, Origin of the ultramafic complex at Duke Island, Southeastern Alaska, in Symposium on layered intrusions - Internat. Mineralog. Assoc., 3d Gen. Mtg., Washington, D. C., 1962: Mineralog. Soc. America Spec. Paper 1, p. 36-45, illus.

Irvine, T. N., 1964, Sedimentary structures in layered ultrabasic rocks [abs.]: Am. Assoc. Petroleum Geologists Bull., v. 48, no. 4, p. 533

Ivanhoe, L. F., Jr., 1961, Bouguer gravity map of Alaska [abs.]: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 1, p. 128-129

Ivanhoe, L. F., [Jr.?], 1962, Right-lateral, strike-slip movement along the Lake Clark fault, Alaska: Geol. Soc. America Bull., v. 73, no. 7, p. 911, illus.

Jahn, Alfred, 1961, Probleme geograficzne Alaski w świetle podróży naukowej odbytej w 1960 roku [with English summary]: Czasopismo Geog., v. 32, pt. 2, p. 115-181, illus.

Jalbert, R. A., 1961, Fault-plane analysis of recent Alaskan earthquakes [abs.]: Alaskan Sci. Conf., 11th, Anchorage, Aug. 29-Sept. 2, 1960, Proc., p. 177-178

- Johnson, A. W., 1962, Mudflows, frost action, and vegetation in northwestern Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 25-26
- Jones, D. L., 1961, Muscle attachment impressions in a Cretaceous ammonite: Jour. Paleontology, v. 35, no. 3, p. 502-504, illus.
- Jones, D. L., 1963a, Stratigraphy of Cretaceous rocks of the upper Chitina Valley, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 43
- Jones, D. L., 1963b, Upper Cretaceous (Campanian and Maestrichtian) ammonites from southern Alaska: U. S. Geol. Survey Prof. Paper 432, 53 p., illus.
- Jones, D. L.; Berg, H. C., 1964, Cretaceous stratigraphy of the McCarthy A-4 quadrangle, southern Alaska: U. S. Geol. Survey Bull. 1180-A, p. A1-A18, illus., geol. map
- Jones, D. L.; Grantz, Arthur, 1964, Stratigraphic and structural significance of Cretaceous fossils from Tiglukpuk Formation, northern Alaska: Am. Assoc. Petroleum Geologists Bull., v. 48, no. 9, p. 1462-1474, illus.
- Jones, D. L.; Gryc, George, 1960, Upper Cretaceous pelecypods of the genus *Inoceramus* from northern Alaska: U. S. Geol. Survey Prof. Paper 334-E, p. 149-165, illus.
- Jordan, G. F., 1961, Major redistribution of sediments in certain bays and inlets of Alaska [abs.]: Pacific Sci. Cong., 10th, Honolulu, 1961, Abs. Symposium Papers, p. 374
- Jordan, G. F., 1962, Redistribution of sediments in Alaskan bays and inlets: Geog. Rev., v. 52, no. 4, p. 548-558, illus.
- Jordan, J. N.; Cleven, M. L., 1960, Certain physiographic changes associated with the southeastern Alaska earthquakes [abs.]: Alaskan Sci. Conf., 10th, Juneau, Aug. 25-28, 1959, Proc., p. 110-111, Dec.
- Kachadoorian, Reuben, 1960a, Engineering and surficial geology of the Nanana-Rex area, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-307, scale 1:63,360 (1 in. to 1 mi.) with text
- Kachadoorian, Reuben, 1960b, Engineering geology of the Chariot site near Cape Thompson, northwestern Alaska: U. S. Geol. Survey Rept. TEI-753, p. 19-37, incl. tables, Jan.
- Kachadoorian, Reuben, 1960c, Engineering geology of the Katalla area, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-308, scale 1:63,360 (1 in. to 1 mi.) with text
- Kachadoorian, Reuben, 1961a, Engineering geology of the Chariot test site on Ogotoruk Creek near Cape Thompson, northwestern Alaska: U. S. Geol. Survey Rept. TEI-779, p. 13-27, illus., tables
- Kachadoorian, Reuben, 1961b, Geologic aspects of the November 1960 high-explosive test at the Project Chariot site, northwestern Alaska: U. S. Geol. Survey Rept. TEI-784, 16 p., illus., table

Kachadoorian, Reuben, 1961c, Geologic results of November 1960 Project Chariot high-explosive cratering experiment, Cape Thompson, Alaska, Art. 418: U. S. Geol. Survey Prof. Paper 424-D, p. D368-D371, illus.

Kachadoorian, Reuben: others, 1960, Geologic investigations in support of Project Chariot in the vicinity of Cape Thompson, northwestern Alaska - Preliminary report: U. S. Geol. Survey Rept. TEI-753, 94 p., incl. illus., Jan.

Kachadoorian, Reuben: Sainsbury, C. L.; Campbell, R. H., 1960, Geologic factors, proposed nuclear test near Cape Thompson, northwest Alaska [abs.]: Alaskan Sci. Conf., 10th, Juneau, Aug. 25-28, 1959, Proc., p. 109-110, Dec.

Karlstrom, T. N. V., 1960a, Surficial deposits of Alaska: Art. 154 in U. S. Geol. Survey Prof. Paper 400-B, p. B333-B335, incl. sketch map

Karlstrom, T. N. V., 1960b, The Cook Inlet, Alaska, glacial record and Quaternary classifications: Art. 153 in U. S. Geol. Survey Prof. Paper 400-B, p. B330-B332, incl. diagrams

Karlstrom, T. N. V., 1961a, Pleistocene and post-Pleistocene climatic variations in Alaska and western Canada [abs.]: Pacific Sci. Cong., 10th, Honolulu, 1961, Abs. Symposium Papers, p. 300

Karlstrom, T. N. V., 1961b, Pleistocene physical and biologic environments of Pacific southcentral area and southwestern Alaska [abs.], in Geology of the Arctic, V. 2: Toronto, Ontario, Univ. Toronto Press, p. 895

Karlstrom, T. N. V., 1961c, The glacial history of Alaska - Its bearing on paleoclimatic theory: New York Acad. Sci. Annals, v. 95, art. 1, p. 290-340, illus., tables

Karlstrom, T. N. V., 1964a, Quaternary geology of the Kenai Lowland and glacial history of the Cook Inlet region, Alaska: U. S. Geol. Survey Prof. Paper 443, 69 p., illus., geol. map

Karlstrom, T. N. V., 1964b, Surficial geology of Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-357, 2 sheets, scale 1:1,584,000 (about 1 in. to 25 mi.)

Kaufman, Alvin, 1961, Trends in Alaska's mineral industry: U. S. Bur. Mines. Inf. Circ. 8045, 43 p., illus., tables

Kaufman, M. A., 1964, Geology and mineral deposits of the Denali - MacLaren River area, Alaska: Alaska Div. Mines and Minerals Geol. Rept., no. 4, illus., geol. map

Keller, A. S.; Morris, R. H.; Detterman, R. L., 1961, Geology of the Shaviovik and Sagavanirktok Rivers region, Alaska, in Areal geology, Pt. 3, of Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53: U. S. Geol. Survey Prof. Paper 303-D, p. 169-222, illus., tables, geol. map

Kelly, T. E., [Jr.], 1960, Geology and oil occurrences in the Cook Inlet basin, Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2086, Dec.

Kelly, T. E., Jr., 1961a, General geology and hydrocarbons of Cook Inlet basin, Alaska [abs.]: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 3, p. 419

Kelly, T. E., [Jr.], 1961b, General geology and oil occurrence in the Cook Inlet basin, Alaska [abs.]: Alaskan Sci. Conf., 11th, Anchorage, Aug. 29-Sept. 2, 1960, Proc., p. 162-163

Kelly, T. E., [Jr.], 1963a, Geology and hydrocarbons in Cook Inlet basin, Alaska: Houston Geol. Soc. Bull., v. 5, no. 10, p. 15-18, illus.

Kelly, T. E., [Jr.], 1963b, Geology and hydrocarbons in Cook Inlet basin, Alaska, in Backbone of the Americas: Am. Assoc. Petroleum Geologists Mem. 2, p. 278-296, illus.

Kessel, Brina, 1963, West-east relationships of the birds of northern Alaska in Pacific Basin biogeography, A symposium - Pacific Sci. Cong., 10th, Honolulu, 1961: Honolulu, Hawaii, Bishop Mus. Press, p. 79-84, table

King, E. R., 1961, An aeromagnetic profile from Anchorage to Nome, Alaska: Geophysics, v. 26, no. 6, p. 716-726, illus.

Krinsley, D. B., 1963, Influence of snow cover on frost penetration, in Geological Survey Research 1963: U. S. Geol. Survey Prof. Paper 475-B, p. B144-B147, illus., tables

Kubota, Joe; Whittig, L. D., 1960, Pädzols in the vicinity of the Nelchina and Tazlina Glaciers, Alaska: Soil Sci. Soc. America Proc., v. 24, no. 2, p. 133-136, illus., Mar.-Apr.

Lachenbruch, A. H.; Brewer, M. C., 1962, Geothermal evidence for recent climatic change near Barrow, Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 127; Geol. Soc. America Spec. Paper 68, p. 117

Lachenbruch, A. H.; Greene, G. W., 1960, Preliminary report of geothermal studies at the Ogotoruk Creek Chariot site, northwestern Alaska: U. S. Geol. Survey Rept. TEI-753, p. 55-62, incl. diagrams, Jan.

Lachenbruch, A. H.; Greene, G. W.; Marshall, B. V., 1960, Geothermal studies at Ogotoruk Creek, AEC Project Chariot Test Site, northwestern Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2087, Dec.

Lachenbruch, A. H.; Greene, G. W.; Marshall, B. V., 1961a, Interim report on geothermal studies, Ogotoruk Valley, northwest Alaska: U. S. Geol. Survey Rept. TEI-779, p. 66-79, illus.

Lachenbruch, A. H.; Greene, G. W.; Marshall, B. V., 1961b, Preliminary results of geothermal studies at Ogotoruk Creek, AEC Project Chariot Test Site, northwestern Alaska [abs.]: Alaskan Sci. Conf., 11th, Anchorage, Aug. 29-Sept. 2, 1960, Proc., p. 167; Alaska Oil and Gas Yearbook 1960, p. 85

Lachenbruch, A. H.; Brewer, M. C.; Greene, G. W.; Marshall, B. V., 1962, Temperatures in permafrost, in Temperature, its measurement and control in science and industry, V. 3 - Pt. 1, Basic concepts, standards and methods: New York, Reinhold Publishing Corp., p. 791-803, illus.

Laird, W. M.; Tuthill, S. J., 1964, Glacial research in south-central Alaska: Compass, v. 41, no. 2, p. 97-103

Landen, David, 1964, Alaska earthquake, 27 March 1964: *Science*, v. 145, no. 3627, p. 74-76, illus.

Lander, J. F.; Cloud, W. K., 1964, United States earthquakes, 1962: Washington, D. C., U. S. Coast and Geodetic Survey, 114 p., illus., tables

Langenheim, R. L., Jr.; Smiley, C. J.; Gray, Jane, 1960, Cretaceous amber from the Arctic Coastal Plain of Alaska: *Geol. Soc. America Bull.*, v. 71, no. 9, p. 1345-1356 incl. index map and section, Sept.

Lanphere, M. A.; MacKevett, E. M., Jr.; Stern, T. W., 1964, Potassium-argon and lead-alpha ages of plutonic rocks, Bogan Mountain area, Alaska: *Science*, v. 145, no. 3633, p. 705-707, illus., table

Lanphere, M. A.; Brew, D. A.; Eberlein, G. D.; Loney, R. A.; MacKevett, E. M., Jr., 1964, Ar^{40} - K^{40} ages of Paleozoic intrusive rocks in southeastern Alaska [abs.]: *Am. Geophys. Union Trans.*, v. 45, no. 1, p. 116-117

Lathram, E. H., 1960, Patterns of structural geology in the northern part of southeastern Alaska [abs.]: *Geol. Soc. America Bull.*, v. 71, no. 12, pt. 2, p. 2064, Dec.

Lathram, E. H., 1964, Apparent right-lateral separation on Chatham Strait fault, southeastern Alaska: *Geol. Soc. America Bull.*, v. 75, no. 3, p. 249-251

Lathram, E. H.; others, 1960, Progress map of the geology of Admiralty Island, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-323, scale 1:250,000 (about 1 in. to 4 mi.) with table

Lattman, L. H.; Segovia, A. V., 1961, Analysis of fracture trace pattern of Adak and Kagalaska Islands, Alaska: *Am. Assoc. Petroleum Geologists Bull.*, v. 45, no. 2, p. 249-251, illus.

Lepley, L. K., 1962, Submarine topography of the head of Barrow Canyon: *Deep-Sea Research*, v. 9, p. 214-217, illus.

Lewis, C. R., 1962, Icing mound Sadlerochit River, Alaska: *Arctic*, v. 15, no. 2, p. 145-150, illus.

Lewis, R. O.; Nelson, W. H.; Powers, H. A., 1960, Geology of Rat Island, Aleutian Islands, Alaska: U. S. Geol. Survey Bull. 1028-Q, p. 555-562, illus., geol. map

Lian, H. M.; Simonson, R. R., 1962, Cook Inlet Basin - Structure, stratigraphy, exploration techniques, logistics, discoveries [abs.]: *Am. Assoc. Petroleum Geologists Bull.*, v. 46, no. 2, p. 271; *Oil and Gas Jour.*, v. 60, no. 13, p. 111-112, illus.

Lindroth, C. H., 1963, The Aleutian Islands as a route for dispersal across the North Pacific, in *Pacific Basin biogeography*, A symposium - Pacific Sci. Cong., 10th, Honolulu, 1961: Honolulu, Hawaii, Bishop Mus. Press, p. 121-131, illus., table

Loeblich, A. R., Jr.; Tappan, Helen, 1964, The species and stratigraphic distribution of *Caucasina* and *Aeolomorphella*, new genus (Foraminiferida): *Tulane Studies Geology*, v. 2, no. 3, p. 69-88, illus.

Loney, R. A., 1963, Superposed folding in the Pybus-Gambier area, Admiralty Island, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 47

Loney, R. A., 1964, Stratigraphy and petrography of the Pybus-Gambier area, Admiralty Island, Alaska: U. S. Geol. Survey Bull. 1178, 103 p., illus., tables, geol. map

Loney, R. A.; Condon, W. H.; Dutro, J. T., Jr., 1963, Geology of the Freshwater Bay area, Chichagof Island, Alaska: U. S. Geol. Survey Bull. 1108-C, p. C1-C54, illus., tables, geol. maps

Loney, R. A.; Berg, H. C.; Pomeroy, J. S.; Brew, D. A., 1963, Reconnaissance geologic map of Chichagof Island and northwestern Baranof Island, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-388, scale 1:250,000, tables, text

Loney, R. A.; Pomeroy, J. S.; Brew, D. A.; Muffler, L. J. P., 1964, Reconnaissance geologic map of Baranof and Kruzof Islands, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-411, scale 1:250,000

Lund, R. J., 1961, Future of Alaskan mineral industry: Mining Eng., v. 13, no. 12, p. 1351-1355, illus.

MacKevett, E. M., Jr., 1960a, Geology of the Ross-Adams uranium-thorium deposit, Alaska: Am. Inst. Mining, Metall., and Petroleum Engineers Trans. 1959, v. 214, p. 915-919, incl. index and geol. sketch maps, diagram, tables and illus.

MacKevett, E. M., Jr., 1960b, Types of uranium-thorium deposits near Bokan Mountain, Prince of Wales Island, Alaska [abs.]: Alaskan Sci. Conf., 10th, Juneau, Aug. 25-28, 1959, Proc., p. 112-113, Dec.

MacKevett, E. M., Jr., 1963a, Geology and ore deposits of the Bokan Mountain uranium-thorium area, southeastern Alaska: U. S. Geol. Survey Bull. 1154, 125 p., illus., geol. maps

MacKevett, E. M., Jr., 1963b, Preliminary geologic map of the McCarthy C-5 quadrangle, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-406, scale 1:63,360

MacKevett, E. M., Jr., 1964, Ore controls at the Kathleen-Margaret (MacLaren River) copper deposit, Alaska: U. S. Geol. Survey Prof. Paper 501-C, p. C117-C120, illus.

MacKevett, E. M., Jr.; Berg, H. C., 1963, Geology of the Red Devil quicksilver mine, Alaska: U. S. Geol. Survey Bull. 1142-G, p. G1-G16, illus., tables, geol. maps

MacKevett, E. M., Jr.; Blake, M. C., Jr., 1963a, Geology of the North Bradfield River iron prospect, southeastern Alaska: U. S. Geol. Survey Bull. 1108-D, p. D1-D21, illus., geol. map

MacKevett, E. M., Jr.; Blake, M. C., Jr., 1963b, Jurassic stratigraphy in the McCarthy C-5 quadrangle, Alaska, [abs.]: Geol. Soc. America Spec. Paper 73, p. 49

MacKevett, E. M., Jr.; Blake, M. C., Jr., 1963c, Jurassic stratigraphy in the McCarthy C-5 quadrangle, Alaska [abs.], in Alaskan Sci. Conf., 13th, Juneau, 1962, Proc.: Sci. Alaska 1962, p. 149-150

MacKevett, E. M., Jr.; Blake, M. C., Jr., 1964, Geology of the Sumdum copper-zinc prospect, southeastern Alaska: U. S. Geol. Survey Bull. 1108-E, p. E1-E31, illus., geol. map

MacKevett, E. M., Jr.; Imlay, R. W., 1962, Jurassic stratigraphy in the McCarthy C-5 quadrangle, Alaska, in Geological Survey Research 1962: U. S. Geol. Survey Prof. Paper 450-D, p. D49-D51, illus.

MacKevett, E. M., Jr.; Berg, H. C.; Plafker, George; Jones, D. L., 1964, Preliminary geologic map of the McCarthy C-4 quadrangle, Alaska: U. S. Geol. Survey Misc. Geol. Inv. Map I-423, scale 1:63,360 (1 in. to 1 mi.)

MacNeil, F. S., 1961, *Lituyapecten* (new subgenus of *Patinopecten*) from Alaska and California: U. S. Geol. Survey Prof. Paper 354-J, p. 225-239, illus.

MacNeil, F. S.; Wolfe, J. A.; Miller, D. J.; Hopkins, D. M., 1961, Correlation of Tertiary formations of Alaska: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 11, p. 1801-1809, illus.

Maldonado-Koerdell, M., 1962, La exploración del Océano Artico, con especial referencia al extremo norte del Continente Americano: Bol. Bibliog. Geofísica y Oceanografía Am., v. 2, pt. Oceanográfica 1959-1961, p. 365-488, illus.

Malloy, R. J., 1964, Crustal uplift southwest of Montague Island, Alaska: Science, v. 146, no. 3647, p. 1048-1049, illus.

Malone, Kevin, 1962, Mercury occurrences in Alaska: U. S. Bur. Mines Inf. Circ. 8131, illus., tables

Maloney, R. P., 1962a, Investigation of mercury-antimony deposits near Flat, Yukon River region, Alaska: U. S. Bur. Mines Rept. Inv. 5991, 44 p., illus., tables

Maloney, R. P., 1962b, Trenching and sampling of the Rhyolite mercury prospect, Kuskokwim River basin, Alaska: U. S. Bur. Mines Rept. Inv. 6141, 43 p., illus., tables

Mamay, S. H., 1963, Occurrence of *Pseudobornia* Nathorst in Alaska: Palaeobotanist 1962, v. 11, nos. 1-2, p. 19-22, illus.

Marcus, M. G., 1964, Climate-glacier studies in the Juneau Ice Field region, Alaska: Chicago Univ. Dept. Geography Research Paper 88, 128 p., illus., tables

Matzko, J. J.; Freeman, V. L., 1963, Summary of reconnaissance for uranium in Alaska, 1955, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 33-49, illus., table

Mayo, L. R., 1963a, Regimen of Gulkana Glacier, central Alaska Range, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 288-289

Mayo, L. R., 1963b, Regimen of Gulkana Glacier, central Alaska Range, Alaska [abs.]: in Alaskan Sci. Conf., 13th, Juneau, 1962, Proc.: Sci. Alaska 1962, p. 148-149

Mayo, Lawrence; Péwé, T. L., 1963a, Ablation and net total radiation, Gulkana Glacier, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 51

- Mayo, Lawrence; Péwé, T. L., 1963b, Ablation and net total radiation, Gulkana Glacier, Alaska, Chap. 43 in *Ice and snow - Properties, processes, and applications* - Conf. Massachusetts Inst. Technology, 1962, Proc.: Cambridge, Mass., M.I.T. Press, p. 633-643, illus., tables
- McAlester, A. L., 1962, A new Devonian pelecypod from Alaska and its bearing on pteriod phylogeny: *Postilla*, no. 58, 13 p., illus.
- McManus, D. A.; Creager, J. S., 1961, Offshore current control of sedimentary environments associated with large underwater shoals [abs.]: *Pacific Sci. Cong.*, 10th, Honolulu, 1961, Abs. Symposium Papers, p. 377-378
- McManus, D. A.; Creager, J. S., 1963, Physical and sedimentary environments on a large spitlike shoal: *Jour. Geology*, v. 71, no. 4, p. 498-512, illus.
- Meier, M. F., 1960, The outbreak of a glacier-dammed lake [abs.]: *Jour. Geophys. Research*, v. 65, no. 4, p. 1315, Apr.
- Mercer, J. H., 1961, The estimation of the regimen and former firn limit of a glacier [with French and German abstracts]: *Jour. Glaciology*, v. 3, no. 30, p. 1053-1062, illus., tables
- Miller, D. J., 1960a, Giant waves in Lituya Bay, Alaska: *U. S. Geol. Survey Prof. Paper* 354-C, p. 51-86, illus.
- Miller, D. J., 1960b, The Alaska earthquake of July 10, 1958 - Giant wave in Lituya Bay: *Seismol. Soc. America Bull.*, v. 50, no. 2, p. 253-266, incl. sketch map and illus., Apr.
- Miller, D. J., 1961, Stratigraphic occurrence of *Lituyapecten* in Alaska: *U. S. Geol. Survey Prof. Paper* 354-K, p. 241-249, illus.
- Miller, D. J.; MacColl, R. S., 1964, Geologic map and sections of the northern part of the McCarthy A-4 quadrangle, Alaska: *U. S. Geol. Survey Misc. Geol. Inv. Map* I-410, scale 1:63,360
- Miller, J. C., 1962a, Geology of waterpower sites on Crater Lake, Long Lake, and Speel River, near Juneau, Alaska: *U. S. Geol. Survey Bull.* 1031-D, p. 71-101, illus., geol. map
- Miller, J. C., 1962b, Geology of waterpower sites on Scenery, Cascade, and Delta Creeks near Petersburg, Alaska: *U. S. Geol. Survey Bull.* 1031-E, p. 103-124, illus., geol. map
- Miller, M. M., 1961, A distribution study of abandoned cirques in the Alaska-Canada Boundary Range, in *Geology of the Arctic*, V. 2: Toronto, Ontario, Univ. Toronto Press, p. 833-847, illus., tables
- Miller, M. M., 1963a, A field institute of glaciological and expeditionary sciences in Alaska: *Appalacia*, no. 136, p. 499-508, illus.
- Miller, M. M., 1963b, Taku Glacier - Evaluation study: [Seattle, Wash.] Foundation for Glacier Research, 200 p., illus.

Miller, M. M., 1963c, The regional pattern of Alaskan glacier fluctuations (with some comments on the problems of earthquake avalanching and climatic change): Seattle, Wash., Foundation for Glacier Research, 17 p., illus., tables

Miller, W. D.; Reddell, D. L., 1964, Alaskan earthquake damages Texas High Plains water walls: Am. Geophys. Union Trans., v. 45, no. 4, p. 659-663, illus., table

Milllett, M. T., 1960, Advance of the Muldrow Glacier, 1957 [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2068, Dec.

Milllett, M. T., 1962, Patterns of glacial behavior in coastal Alaska [abs.]: Geol. Soc. America Spec. Paper 68, p. 44

Mitchell, J. K., 1964, Physico-chemical analyses, in Report on Anchorage area soil studies, Alaska: Seattle, Washington, Shannon and Wilson, Inc., app. p. I 1-6, illus., tables

Moore, D. G., 1961, Acoustic reflection reconnaissance of eastern Bering and Chukchi Seas [abs.]: Pacific Sci. Cong., 10th, Honolulu, 1961, Abs. Symposium Papers, p. 380-381

Moore, D. G., 1964, Acoustic-reflection reconnaissance of continental shelves - Eastern Bering and Chukchi Seas, [Chap.] 15 in Papers in marine geology - Shepard Commemorative Volume: New York, Macmillan Company, p. 319-362, illus., table

Moore, G. W., 1960, Recent eustatic sea-level fluctuations recorded by Arctic beach ridges: Art. 155 in U. S. Geol. Survey Prof. Paper 400-B, p. B335-B337, incl. profile

Moore, G. W., 1961, Sorting of beach sediment, northwestern Alaska, Art. 220: U. S. Geol. Survey Prof. Paper 424-C, p. C198-C200, illus.

Moore, G. W., 1964, Magnetic disturbances preceding the Alaska earthquake: Nature, v. 203, no. 4944, p. 508-509, illus.

Moore, G. W.; Cole, J. Y., 1960, Coastal processes in the vicinity of Cape Thompson, Alaska: U. S. Geol. Survey Rept. TEI-753, p. 41-55, incl. sketch maps and diagram, Jan.

Moore, G. W.; Giddings, J. L., 1962, Record of 5000 years of Arctic wind direction recorded by Alaskan beach ridges [abs.]: Geol. Soc. America Spec. Paper 68, p. 232

Moore, G. W.; Scholl, D. W., 1961, Coastal sedimentation in northwestern Alaska: U. S. Geol. Survey Rept. TEI-779, p. 43-65, illus., table

Muesebeck, C. F. W., 1963, A new ceraphronid from Cretaceous amber (Hymenoptera, Proctotrupoidea): Jour. Paleontology, v. 37, no. 1, p. 129-130, illus.

Muguruma, Jiro; Kikuchi, Katsuhiko, 1963, Lake ice investigation at Peters Lake, Alaska [with French and German abstracts]: Jour. Glaciology, v. 4, no. 36, p. 689-708, illus.

Muguruma, Jiro; Kikuchi, Katsuhiko, 1964, The origin of vertical c-axis ice on Peters Lake, Alaska: Jour. Glaciology, v. 5, no. 39, p. 372-374, illus.

Mulligan, J. J., 1962, Lead-silver deposits in the Omilak area, Seward Peninsula, Alaska: U. S. Bur. Mines Rept. Inv. 6018, 44 p., illus., tables

Narr, K. J., 1964, Das jungpleistozäne Bering-Lake und die Erstbesiedlung Amerikas: Forschungen u. Fortschr., v. 38, no. 9, p. 277-282, illus.

Nayudu, Y. R., 1964, Volcanic ash deposits in the Gulf of Alaska and problems of correlation of deep-sea ash deposits: Marine Geology, v. 1, no. 3, p. 194-212, illus., table

Nichols, D. R., 1960, Slump structures in Pleistocene lake sediments, Copper River Basin, Alaska: Art. 162 in U. S. Geol. Survey Prof. Paper 400-B, p. B353-B354, incl. illus.

Nichols, D. R., 1963, Origin of the course of the Copper River, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 210

Nichols, D. R.; Yehle, L. A., 1960, Mud volcanoes in the Copper River basin, Alaska [abs.]: Washington Acad. Sci. Jour., v. 50, no. 7, p. 9-10, Nov.

Nichols, D. R.; Yehle, L. A., 1961a, Analyses of gas and water from two mineral springs in the Copper River basin, Alaska, Art. 353: U. S. Geol. Survey Prof. Paper 424-D, p. D191-D194, illus.

Nichols, D. R.; Yehle, L. A., 1961b, Mud volcanoes in the Copper River basin, Alaska, in Geology of the Arctic, V. 2: Toronto, Ontario, Univ. Toronto Press, p. 1063-1087, illus., tables

Nichols, H.; Perry, R. B.; Kofoed, J. W., 1964, Bathymetry of Bowers Bank, Bering Sea: Surveying and Mapping, v. 24, no. 3, p. 443-448, illus.

Nielsen, L. E., 1963, A glaciological reconnaissance of the Columbia Glacier, Alaska: Arctic, v. 16, no. 2, p. 134-142, illus., tables

Noble, J. A.; Taylor, H. P., Jr., 1960, Correlation of the ultramafic complexes of southeastern Alaska with those of other parts of North America and the world: Internat. Geol. Cong., 21st, Copenhagen, 1960, Rept. pt. 13, p. 188-197, incl. sketch map

Oakeshott, G. B., 1964, The Alaskan earthquake: California Div. Mines and Geology Mineral Inf. Service, v. 17, no. 7, p. 119-121, 124-125, illus.

Oil and Gas Journal, 1960a, Oil hunters get busy throughout Alaska: Oil and Gas Jour., v. 58, no. 28, p. 147-148, 150, incl. index map, columnar section, and illus., July

Oil and Gas Journal, 1960b, Today's active oil fronts: Oil and Gas Jour., v. 58, no. 17, p. 148-197 [14 pages of ads] incl. index and sketch maps, sections, logs, tables, and illus., Apr.

Orvig, Svenn; Mason, R. W., 1963, Ice temperatures and heat flux, McCall Glacier, Alaska, in Gen. Assembly of Berkeley, 1963, Comm. Snow and Ice: Internat. Assoc. Sci. Hydrology Pub. 61, p. 181-188, illus., tables

Ostenso, N. A.; Holmes, G. W., 1962, Gravimetric determinations of ice thickness of Jarvis Glacier, Alaska, in Geological Survey Research 1962: U. S. Geol. Survey Prof. Paper 450-C, p. C93-C96, illus.

- Ostenso, N. A.; Parks, P. E., 1964, Reconnaissance seaborne magnetic survey of the Chukchi Shelf: U. S. Coast Guard Oceanog. Rept. 1, p. 28-37, illus.
- Ostenso, N. A.; DenHartog, S. L.; Black, D. J., 1964, Geophysical investigations from ice island Arlis-II [abs.]: Geol. Soc. America Spec. Paper 76, p. 300
- O'Sullivan, J. B., 1962, Quaternary geology of the Arctic Coastal Plain, northern Alaska [abs.]: Dissert. Abs., v. 22, no. 10, p. 3608
- O'Sullivan, J. B.; Hussey, K. M., 1960, Noneolian origin for silts of the Arctic Slope, Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 1940, Dec.
- Ozaki, H., 1961, Notes on a mammoth tusk and reindeer antler from the bottom of the Bering Sea [in Japanese]: Tokyo Nat. Sci. and Mus., v. 28, nos. 5-6, p. 5-15, illus.
- Parkinson, L. J., Jr., 1960, Cretaceous strata of the Cape Douglas area, Alaska Peninsula, Alaska [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2087, Dec.
- Parkinson, L. J., Jr., 1961, Cretaceous strata of the Cape Douglas area, Alaska Peninsula [abs.]: Alaskan Sci. Conf., 11th, Anchorage, Aug. 29-Sept. 2, 1960, Proc., p. 166; Alaska Oil and Gas Yearbook 1960, p. 84
- Parkinson, L. J., [Jr.?], 1962, One field, one giant - The story of Swanson River: Oil and Gas Jour., v. 60, no. 13, p. 180-183, illus.
- Patton, W. W., Jr., 1960, Geology of the upper Killik-Itkillik region, Alaska [abs.]: Dissert. Abs., v. 20, no. 8, p. 3261-3262, Feb.
- Patton, W. W., Jr., 1964, Mineral fuel resources - Northern and interior Alaska, in Mineral and water resources of Alaska: U. S. Cong., 88th, 2d sess., Comm. Print, p. 62-75
- Patton, W. W., Jr.; Grantz, Arthur, 1962, Tectonic implications of some new Mesozoic stratigraphic data on Alaska [abs.]: Am. Assoc. Petroleum Geologists Bull., v. 46, no. 2, p. 274-275
- Patton, W. W., Jr.; Tailleux, I. L., 1964, Geology of the Killik-Itkillik region, Alaska, Chap. G of Areal Geology, Pt. 3 of Exploration of Naval Petroleum Reserve No. 4 and adjacent area, northern Alaska, 1944-53: U. S. Geol. Survey Prof. Paper 303-G, p. 409-500, illus., geol. map
- Peter, George; Elvers, Douglas; Yellin, Martin, 1964, Geological structure of the Aleutian Trench SW of Kodiak Island [abs.]: Am. Geophys. Union Trans., v. 45, no. 1, p. 35
- Péwé, T. L., 1961, Multiple glaciation in the headwaters area of the Delta River, central Alaska, Art. 357: U. S. Geol. Survey Prof. Paper 424-D, p. D200-D201, illus.
- Péwé, T. L., 1962, Ice wedges in permafrost, lower Yukon River area near Galena, Alaska: Biul. Peryglacjalny, ser. 3, no. 11, p. 65-76, illus.
- Péwé, T. L., 1963a, Glaciology and glacial geology studies of Gulkana Glacier, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 290

- Péwé, T. L., 1963b, Glaciology and glacial geology studies of Gulkana Glacier, Alaska [abs.]: in Alaskan Sci. Conf., 13th, Juneau, 1962, Proc.: Sci. Alaska 1962, p. 160-161
- Péwé, T. L., 1964a, Good Friday earthquake, Alaska: *Geotimes*, v. 8, no. 8, p. 9-10
- Péwé, T. L., 1964b, Ice wedges in Alaska - classification, distribution, and climatic significance [abs.]: *Geol. Soc. America Spec. Paper* 76, p. 129
- Péwé, T. L., 1964c, New type large-scale sorted polygons near Barrow, Alaska [abs.]: *Geol. Soc. America Spec. Paper* 76, p. 301; *Sci. Alaska* 1963, p. 230-231
- Péwé, T. L.: Burbank, Lawrence, 1960, Multiple glaciation in the Yukon-Tanana Upland, Alaska - A photogeologic interpretation [abs.]: *Geol. Soc. America Bull.*, v. 71, no. 12, pt. 2, p. 2088, Dec.
- Péwé, T. L.: Burbank, Lawrence, 1961, Multiple glaciation in the Yukon-Tanana Upland, Alaska - A photogeologic interpretation [abs.]: *Alaskan Sci. Conf.*, 11th, Anchorage, Aug. 29-Sept. 2, 1960, Proc., p. 162; *Alaska Oil and Gas Yearbook* 1960, p. 85-86
- Péwé, T. L.; Church, R. E., 1962, Age of the spit at Barrow Alaska: *Geol. Soc. America Bull.*, v. 73, no. 10, p. 1287-1291, illus.
- Péwé, T. L.; Holmes, G. W., 1964, Geology of the Mt. Hayes D-4 quadrangle, Alaska: *U. S. Geol. Survey Misc. Geol. Inv. Map* I-394, 2 sheets, scale 1:63,360, text
- Péwé, T. L.; Paige, R. A., 1963, Frost heaving of piles with an example from Fairbanks, Alaska: *U. S. Geol. Survey Bull.* 1111-I, p. 333-407, illus., tables, geol. map
- Péwé, T. L.; Rivard, N. R., 1961, Geologic map and section of the Fairbanks D-3 quadrangle, Alaska: *U. S. Geol. Survey Misc. Geol. Inv. Map* I-340, scale 1:63,360, section, text
- Péwé, T. L.; Weber, F. R., 1960, Reconnaissance engineering geology for highway location in Alaska [abs.]: *Geol. Soc. America Bull.*, v. 71, no. 12, pt. 2, p. 2088, Dec.
- Plafker, George, 1962, Geologic investigations of proposed powersites at Sheep Creek, Carlson Creek, and Turner Lake, Alaska: *U. S. Geol. Survey Bull.* 1031-F, p. 127-148, illus., geol. map
- Plafker, George; Berg, H. C., 1964, Metallic and nonmetallic mineral resources - Nonmetallic mineral resources, in Mineral and water resources of Alaska: *U. S. Cong.*, 88th, 2d sess., Comm. Print, p. 125-146, table
- Plafker, George; Wahrhaftig, Clyde; Eckhart, R. A.; Moxham, R. M., 1963, Investigations for perlite in the Alaska Range, in Contributions to economic geology of Alaska: *U. S. Geol. Survey Bull.* 1155, p. 49-66, illus., table
- Pomeroy, J. S., 1964, Recognition criteria of igneous and metamorphic rocks on aerial photographs of Chichagof and Kruzof Islands, southeastern Alaska: *U. S. Geol. Survey Bull.* 1043-E, p. 87-110, illus., tables

- Porter, S. C., 1963a, Glacial stratigraphy and chronology of Anaktuvuk Valley, Arctic slope of Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 216-217
- Porter, S. C., 1963b, Structural features of Anaktuvuk Pass, central Brooks Range, Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 217
- Porter, S. C., 1964a, Geology of Anaktuvuk Pass, central Brooks Range, Alaska [abs.]: Dissert. Abs., v. 25, no. 6, p. 3515
- Porter, S. C., 1964b, Late Pleistocene glacial chronology of north-central Brooks Range, Alaska: Am. Jour. Sci., v. 262, no. 4, p. 446-460, illus.
- Post, A. S., 1960a, Sudden advance of the Muldrow Glacier [Alaska] [abs.]: Jour. Geophys. Research, v. 65, no. 8, p. 2518, Aug.
- Post, A. S., 1960b, The exceptional advances of the Muldrow, Black Rapids, and Susitna glaciers [Alaska]: Jour. Geophys. Research, v. 65, no. 11, p. 3703-3712, incl. sketch maps, diagrams, and table, Nov.
- Powers, H. A., 1961, The emerged shoreline at 2-3 meters in the Aleutian Islands, in Pacific island terraces - Eustatic? - (A symposium): Zeitschr. Geomorphologie, Supplementband 3, p. 36-38
- Powers, H. A.; Coats, R. R.; Nelson, W. H., 1960, Geology and submarine physiography of Amchitka Island, Alaska: U. S. Geol. Survey Bull. 1028-P, p. 521-554, illus., incl. geol. map
- Price, R. J., 1964, Land forms produced by the wastage of the Casement Glacier, southeast Alaska: Ohio State Univ. Inst. Polar Studies Rept., no. 9, 24 p., illus.
- Price, W. A., 1963, The oriented lakes of Arctic Alaska; a discussion: Jour. Geology, v. 71, no. 4, p. 530-531, table
- Race, W. H., 1962, The mineral industry of the Kenai-Cook Inlet-Susitna Region: Juneau, Alaska Div. Mines and Minerals, 42 p., illus., tables
- Ragan, D. M., 1964, Structures at the base of an icefall on the Gulkana Glacier, eastern Alaska Range [abs.]: Geol. Soc. America Spec. Paper 76, p. 220-221
- Ragan, D. M.; Horlocker, Noel, 1963, Preliminary restudy of the Totatlanika Schist in the northern Alaska Range [abs.]: Geol. Soc. America Spec. Paper 73, p. 61
- Rainwater, F. H.; Guy, H. P., 1961, Some observations on the hydrochemistry and sedimentation of the Chamberlin Glacier area, Alaska: U. S. Geol. Survey Prof. Paper 414-C, p. C1-C14, illus., tables
- Ramdohr, Paul, 1962, Erzmikroskopische Untersuchungen an Magnetiten der Exhalationen im Valley of the 10,000 Smokes [with English abstract]: Neues Jahrb. Mineralogie Monatsch. 1962, nos. 3-4, p. 49-59, illus.
- Rau, W. W., 1963, Foraminifera from the upper part of the Poul Creek Formation of southeastern Alaska: Cushman Found. Foram. Research Contr., v. 14, pt. 4, p. 135-145, illus.

- Reckendorf, Frank; Hussey, K. M., 1963, An unusual case of stream piracy: Iowa Acad. Sci. Proc. 1962, v. 69, p. 322-326, illus.
- Reed, J. C., Jr., 1961, Geology of the Mount McKinley quadrangle, Alaska: U. S. Geol. Survey Bull. 1108-A, p. A1-A36, illus., geol. map
- Reid, J. R., 1964, Glacial geology of the Martin River Glacier, Alaska [abs.]: Geol. Soc. America Spec. Paper 76, p. 136
- Reid, J. R.; Clayton, Lee, 1963, Observations of rapid water — level fluctuations in ice sink-hole lakes, Martin River Glacier, Alaska: Jour. Glaciology, v. 4, no. 35, p. 650-652, illus.
- Reid, J. R.; Laird, W. M., 1963, Study of the Martin River Glacier in south-central Alaska [abs.]: North Dakota Acad. Sci. Proc. 1963, v. 17, p. 95
- Republic Exploration Company, 1964, Major geologic features of the United States and Cuba: Tulsa, Okla., Republic Exploration Co., scale about 1 inch to 73 miles, table
- Rex, R. W., 1961, Hydrodynamic analysis of circulation and orientation of lakes in northern Alaska, in Geology of the Arctic, V. 2: Toronto, Ontario, Univ. Toronto Press, p. 1021-1043, illus., tables
- Rex, R. W., 1964, Arctic beaches, Barrow, Alaska, [Chap.] 17 in Papers in marine geology - Shepard Commemorative Volume: New York, Macmillan Company, p. 384-400, illus., table
- Richter, D. H., 1964a, Geology and mineral deposits of the Ahtell Creek area, Slana district, southcentral Alaska: Alaska Div. Mines and Minerals Geol. Rept., no. 6, 13 p., illus., geol. map
- Richter, D. H., 1964b, Geology of the Portage Creek - Susitna River area: Alaska Div. Mines and Minerals Geol. Rept., no. 3, 1 sheet, geol. map
- Ritsema, A. R., 1962, P and S amplitudes of two earthquakes of the single force couple type, Pt. 2: Seismol. Soc. America Bull., v. 52, no. 4, p. 723-746, illus., tables
- Roberts, E. B., 1961, History of a tsunami: Smithsonian Inst. Ann. Rept. 1960, p. 327-340, illus.
- Robinson, F. M., 1964, Core tests Simpson area, Alaska, in Subsurface geology and engineering data, Pt. 5 of Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53: U. S. Geol. Survey Prof. Paper 305-L, p. 645-730, illus., tables
- Rogers, G. W., 1960, Alaska in Transition - The southeast region: Baltimore, Md., Johns Hopkins Press, 384 p., incl. diagrams and tables, also illus. (Published for Resources for the Future, Inc.)
- Rossman, D. L., 1963a, Geology and petrology of two stocks of layered gabbro in the Fairweather Range, Alaska: U. S. Geol. Survey Bull. 1121-F, p. F1-F50, illus., tables, geol. map

Rossmann, D. L., 1963b, Geology of the eastern part of the Mount Fairweather quadrangle, Glacier Bay, Alaska: U. S. Geol. Survey Bull. 1121-K, p. K1-K57, illus., geol. maps

Runnells, D. D., 1964, Cymrite in a copper deposit, Brooks Range, Alaska: Am. Mineralogist, v. 49, nos. 1-2, p. 158-165, illus.

Rutter, N. W., 1962, The foliation of Gulkana Glacier, central Alaska Range, Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 151-152; Geol. Soc. America Spec. Paper 68, p. 119-120

Sable, E. G., 1961, Recent recession and thinning of Okpilak Glacier, northeastern Alaska: Arctic, v. 14, no. 3, p. 176-187, illus.

Sable, E. G.; Dutro, J. T., Jr., 1961, New Devonian and Mississippian formations in De Long Mountains, northern Alaska: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 5, p. 585-593, illus.

Sainsbury, C. L., 1960, Metallization and post-mineral hypogene argillization, Lost River tin mine, Alaska: Econ. Geology, v. 55, no. 7, p. 1478-1506 incl. geol. sketch maps and sections, diagrams, tables, and illus., Nov.

Sainsbury, C. L., 1961, Geology of part of the Craig C-2 quadrangle and adjoining areas, Prince of Wales Island, southeastern Alaska: U. S. Geol. Survey Bull. 1058-H, p. 299-362, illus., tables, geol. map

Sainsbury, C. L., 1963, Beryllium deposits of the western Seward Peninsula, Alaska: U. S. Geol. Survey Circ. 479, 18 p., illus., tables

Sainsbury, C. L., 1964a, Association of beryllium with tin deposits rich in fluorite: Econ. Geology, v. 59, no. 5, p. 920-926

Sainsbury, C. L., 1964b, Geology of Lost River mine area, Alaska: U. S. Geol. Survey Bull. 1129, 80 p., illus., geol. maps

Sainsbury, C. L.; MacKevett, E. M., Jr., 1960, Structural control in five quick-silver deposits in southwestern Alaska: Art. 18 in U. S. Geol. Survey Prof. Paper 400-B, p. B35-B38, incl. index and geol. sketch maps, sections, and diagram

Sainsbury, C. L.; Helz, A. W.; Annell, C. S.; Westley, Harold, 1961, Beryllium in stream sediments from the tin-tungsten provinces of the Seward Peninsula, Alaska, Art. 151: U. S. Geol. Survey Prof. Paper 424-C, p. C16-C17, illus.

Sater, J. E., 1964, Effects on glaciers of Alaskan earthquakes of March 1964: Arctic, v. 17, no. 3, p. 211

Savit, C. H.; Paitson, Lloyd, 1964, Seismic exploration for the Mohole [abs.]: Sci. Alaska 1963, p. 233

Schäffner, H. J., 1962, Erdbebenherdmechanik im Gebiet des Aläuten-Bogens: Freiburger Forschungshefte C 132, p. 91-101, illus., tables

Schalk, Marshall, 1963, Study of near-shore bottom profiles east and southwest of Point Barrow, Alaska - Comparison profiles and the barrier islands in the Point Lay and Plover Islands - Final report to Arctic Inst. North America, Subcontracts ONR-217 and ONR-241: Northampton, Mass., Smith College Dept. Geology, 16 p., illus.

Schalk, Marshall: Hume, J. D., 1961, Sea-ice movement of beach material in the vicinity of Point Barrow, Alaska [abs.]: Jour. Geophys. Research, v. 66, no. 8, p. 2558-2559

Schalk, Marshall: Hume, J. D., 1962, Review of shore line investigations 1954-1959, Point Barrow, Alaska, in Natl. Coastal and Shallow Water Research Conf., 1st, 1961, Proc.: [Washington, D. C.] Natl. Sci. Found. and [U. S.] Office Naval Research, p. 91-94, illus.

Schmidt, R. A. M., 1961, Recession of Portage Glacier, Alaska, Art. 358: U. S. Geol. Survey Prof. Paper 424-D, p. D202-D203, illus.

Schmidt, R. A. M., 1963, Pleistocene marine microfauna in the Bootlegger Cove Clay, Anchorage, Alaska: Science, v. 141, no. 3578, p. 350-351, table

Schmidt, R. A. M., 1964, Geology in a hurry: Geotimes, v. 9, no. 4, p. 13-15, illus.

Schmoll, H. R., 1961, Orientation of phenoclasts in laminated glaciolacustrine deposits, Copper River Basin, Alaska, Art. 218: U. S. Geol. Survey Prof. Paper 424-C, p. C192-C195, illus.

Scholl, D. W.: Sainsbury, C. L., 1961a, Marine geology and bathymetry of the Chukchi shelf off the Ogotoruk Creek area, northwest Alaska, in Geology of the Arctic, V. 1: Toronto, Ontario, Univ. Toronto Press, p. 718-732, illus., tables, geol. map

Scholl, D. W.: Sainsbury, C. L., 1961b, Subaerially carved Arctic seaway under a modern epicontinental sea: Geol. Soc. America Bull., v. 72, no. 9, p. 1433-1435, illus.

Seitz, J. F., 1963a, Copper prospect site in upper Chitina Valley, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 66-72, illus.

Seitz, J. F., 1963b, Tungsten prospect on Kodiak Island Alaska, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 72-77, illus., table

Sellman, P. V., 1962, Preliminary report on the ablation and flow, Gulkana Glacier, central Alaska Range, Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 162-163; Geol. Soc. America Spec. Paper 68, p. 120

Sellman, P. V.; Brown, Jerry, 1964, Near-surface lithologic units of the Barrow, Alaska, area - A preliminary report [abs.]: Geol. Soc. America Spec. Paper 76, p. 301-302; Sci. Alaska 1963, p. 231-232

Shacklette, H. T., 1960, Soil and plant sampling at the Mahoney Creek lead-zinc deposit, Revillagigedo Island, southeastern Alaska: Art. 48 in U. S. Geol. Survey Prof. Paper 400-B, p. B102-B104, incl. index map and tables

Shacklette, H. T., 1961, Physiographic processes of sedge meadow pool formation on Latouche Island, Alaska, Art. 355: U. S. Geol. Survey Prof. Paper 424-D, p. D197-D198, illus.

Shale Shaker, 1962, Beryllium discovery by Geological Survey leads to rush of prospectors to Nome area of Alaska: Shale Shaker, v. 13, no. 2, p. 19-20

Shannon and Wilson, Inc., 1964a, Report on subsurface investigation for city of Seward, Alaska, and vicinity, to U. S. Army Engineer District, Anchorage, Alaska: Seattle, Wash., Shannon and Wilson, Inc., 38 p., illus., tables

Shannon and Wilson, Inc., 1964b, Report on subsurface investigation for Mineral Creek townsite, city of Valdez, Alaska, to U. S. Army Engineer District, Anchorage, Alaska: Seattle, Wash., Shannon and Wilson, Inc., 12 p., illus., tables

Shannon and Wilson, Inc., 1964c, Report to U. S. Army Engineer, Anchorage District, Alaska - Anchorage area soil studies: Seattle, Washington, Shannon and Wilson, Inc., 109 p., app. A-K, 285 p.

Shevlin, T. S., 1964, Mineralogical studies, in Report on Anchorage area soil studies, Alaska: Seattle, Washington, Shannon and Wilson, Inc., app. p. H1-6, illus., tables

Shor, G. G., Jr., 1962, Seismic reflection studies off the coast of Alaska, 1956-1957: Seismol. Soc. America Bull., v. 52, no. 1, p. 37-57, illus., tables

Shor, G. G., Jr., 1964, Structure of the Bering Sea and the Aleutian ridge: Marine Geology, v. 1, no. 3, p. 213-219

Shumway, George; Moore, D. G.; Dowling, G. B., 1964, Fairway Rock in Bering Strait, [Chap.] 18 in Papers in marine geology - Shepard Commemorative Volume: New York, Macmillan Company, p. 401-407, illus.

Smiley, C. J., 1961, Paleobotanical investigations in Arctic Alaska [abs.]: Am. Jour. Botany, v. 48, no. 6, pt. 2, p. 542

Smiley, C. J., 1964, Cretaceous floral succession and climatic change in northern Alaska [abs.]: Geol. Soc. America Spec. Paper 76, p. 224-225

Smith, P. B., 1963, Possible Pleistocene - Recent boundary in the Gulf of Alaska, based on benthonic Foraminifera, in Geological Survey Research 1963: U. S. Geol. Survey Prof. Paper 475-C, p. C73-C77, illus., tables

Smith, P. J., 1964, Foraminifera from the Bootlegger Cove clay, Anchorage, Alaska, in Report on Anchorage area soil studies, Alaska: Seattle, Washington, Shannon and Wilson, Inc., app. p. J1-5, tables

Snyder, G. L.; Fraser, G. D., 1963, Pillowed lavas - [Pt.] 1, Intrusive layered lava pods and pillowed lavas, Unalaska Island, Alaska: U. S. Geol. Survey Prof. Paper 454-B, p. B1-B23, illus., tables

Sohn, I. G., 1964, Significance of Triassic ostracodes from Alaska and Nevada, in Geological Survey Research 1964: U. S. Geol. Survey Prof. Paper 501-D, p. D40-D42, illus.

Soward, K. S., 1961, Geologic investigations of proposed powersites at Baranof and Carbon Lakes, Baranof Island, Alaska: U. S. Geol. Survey Bull. 1031-B, p. 25-46, illus., geol. map

- Soward, K. S., 1962, Geology of waterpower sites on the Bradley River, Kenai Peninsula, Alaska: U. S. Geol. Survey Bull. 1031-C, p. 47-70, illus., geol. map
- Stanley, K. W., 1961, Placer cassiterite of the "Manley Tin Belt", Alaska: Econ. Geology, v. 56, no. 1, p. 213-214
- Stanley, K. W., 1962a, Coastal geomorphology of Alaska - A review [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 148-149; Geol. Soc. America Spec. Paper 68, p. 120-121
- Stanley, K. W., 1962b, Geology of the Ahtell Creek molybdenum deposit - A study of paragenesis and zonation [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 131; Geol. Soc. America Spec. Paper 68, p. 121
- Stauder, W. V., 1960a, S waves - Alaska and other earthquakes [abs.]: Geol. Soc. America Bull., v. 71, no. 12, pt. 2, p. 2077, Dec.
- Stauder, W. V., 1960b, S waves - Alaska and other earthquakes: Seismol. Soc. America Bull., v. 50, no. 4, p. 581-597, incl. diagrams and tables, Oct.
- Stauder, W. V., 1960c, The Alaska earthquake of July 10, 1958 - Seismic studies: Seismol. Soc. America Bull., v. 50, no. 2, p. 293-322, incl. index map, diagrams, and tables, Apr.
- Stauder, William: Udias, Augustin, 1963a, S-wave studies of Aleutian Island earthquakes [abs.]: Geol. Soc. America Spec. Paper 73, p. 67
- Stauder, William: Udias, Augustin, 1963b, S-wave studies of earthquakes of the north Pacific - Pt. 2, Aleutian Islands: Seismol. Soc. America Bull., v. 53, no. 1, p. 59-77, illus., tables
- Stone, K. H., 1963a, Alaskan ice-dammed lakes: Assoc. Am. Geographers Annals, v. 53, no. 3, p. 332-349, illus., tables
- Stone, K. H., 1963b, The annual emptying of Lake George, Alaska: Arctic, v. 16, no. 1, p. 26-40, illus.
- Swain, F. M., 1961, Ostracoda from the Pleistocene Gubik Formation, Arctic Coastal Plain, Alaska, in Geology of the Arctic, V. 1: Toronto, Ontario, Univ. Toronto Press, p. 600-606, illus.
- Swain, F. M., 1963, Pleistocene Ostracoda from the Gubik Formation, Arctic Coastal Plain, Alaska: Jour. Paleontology, v. 37, no. 4, p. 798-834, illus.
- Sweet, J. M., 1964, Developments in Alaska in 1963: Am. Assoc. Petroleum Geologists Bull., v. 48, no. 6, p. 1035-1049, illus.
- Tailleux, I. L., 1964, Rich oil shale from northern Alaska, Art. 148, in Short papers in geology and hydrology: U. S. Geol. Survey Prof. Paper 475-D, p. D131-D133, illus., table
- Tailleux, I. L.: Sable, E. G., 1963, Nuka Formation of Late Mississippian to Late Permian age, new formation in northern Alaska: Am. Assoc. Petroleum Geologists Bull., v. 47, no. 4, p. 632-642, illus.

Tappan, H. N., 1960, Cretaceous biostratigraphy of northern Alaska: Am. Assoc. Petroleum Geologists Bull., v. 44, no. 3, p. 273-297, incl. index maps, charts, sections, and illus., Mar.

Tappan, H. N., 1961, Foraminifera from Pleistocene Gubik Formation of northern Alaska [abs.]: Am. Assoc. Petroleum Geologists Bull., v. 45, no. 1, p. 132

Tappan, Helen [N.], 1962, Foraminifera from the Arctic Slope of Alaska - Pt. 3, Cretaceous Foraminifera: U. S. Geol. Survey Prof. Paper 236-C, p. 91-209, illus.

Taylor, H. P., Jr.; Noble, J. A., 1960, Origin of the ultramafic complexes in southeastern Alaska: Internat. Geol. Cong., 21st, Copenhagen, 1960, Rept., pt. 13, p. 175-187, incl. index and geol. sketch maps

Taylor, L. D., 1963a, Ice structures, Burroughs Glacier, southeast Alaska [abs.]: Dissert. Abs., v. 24, no. 1, p. 252

Taylor, L. D., 1963b, Ice structures, Burroughs Glacier, southeast Alaska: Ohio State Univ. Inst. Polar Studies Rept., no. 3, 106 p., illus., tables

Taylor, L. D., 1963c, Structure and fabric on the Burroughs Glacier, southeast Alaska [with French and German abstracts]: Jour. Glaciology, v. 4, no. 36, p. 731-752, illus.

Tedrow, J. C. F.; Brown, Jerry, 1962, Soils of the northern Brooks Range, Alaska - Weakening of the soil-forming potential at high arctic altitudes: Soil Sci., v. 93, no. 4, p. 254-261, illus., tables

Tedrow, J. C. F.; Walton, G. F., 1964, Some Quaternary events of northern Alaska: Arctic, v. 17, no. 4, p. 268-271, illus.

Thomas, B. I.; Berryhill, R. V., 1962, Reconnaissance studies of Alaskan beach sands, eastern Gulf of Alaska: U. S. Bur. Mines Rept. Inv. 5986, 40 p., illus., tables

Thomas, Mrs. Lowell, Jr., 1964, Night of terror: Natl. Geog. Mag., v. 126, no. 1, p. 142-156

Thompson, R. M., 1960, Geology and petroleum possibilities of Alaska: Internat. Geol. Cong., 21st, Copenhagen, 1960, Rept., pt. 11, p. 27-36, incl. geol. and tectonic sketch maps

Tillotson, Ernest, 1964, The Alaska earthquake of March 28-30, 1964: Nature, v. 202, no. 4930, p. 336

Tisdal, F. W., 1964, Water supply from ground water sources in permafrost areas of Alaska: Sci. Alaska 1963, p. 113-124

Tocher, Don, 1960a, The Alaska earthquake of July 10, 1958 - Introduction: Seismol. Soc. America Bull., v. 50, no. 2, p. 217-220, incl. index map and tables, Apr.

Tocher, Don, 1960b, The Alaska earthquake of July 10, 1958 - Movement on the Fair-weather fault and field investigation of southern epicentral region: Seismol. Soc. America Bull., v. 50, no. 2, p. 267-292, incl. diagrams, tables, and illus., Apr.

Trainer, F. W., 1960, Geology and ground-water resources of the Matanuska Valley agricultural area, Alaska: U. S. Geol. Survey Water-Supply Paper 1494, 116 p., illus., incl. geol. map

Trainer, F. W., 1961, Eolian deposits of the Matanuska Valley agricultural area, Alaska: U. S. Geol. Survey Bull. 1121-C, p. C1-C35, illus.

Tunell, George, 1964, Chemical processes in the formation of mercury ores and ores of mercury and antimony: *Geochim. et Cosmochim. Acta*, v. 28, no. 7, p. 1019-1037, illus.

Tuthill, S. J., 1963, Preliminary report on the molluscan fauna of the Martin River Glacier and associated area (south-central Alaska): *Veliger*, v. 6, no. 2, p. 84-90, illus., tables

Ugolini, F. C.; Tedrow, J. C. F., 1963, Soils of the Brooks Range, Alaska - Pt. 3, Rendzina of the Arctic: *Soil Sci.*, v. 96, no. 2, p. 121-127, illus., table

Ugolini, F. C.; Tedrow, J. C. F.; Grant, C. L., 1963, Soils of the northern Brooks Range, Alaska - Pt. 2, Soils derived from black shale: *Soil Sci.*, v. 95, no. 2, p. 115-123, illus., tables

U. S. Army Corps of Engineers, 1964, Interim report no. 7 on survey of harbors and rivers in Alaska, Yukon and Kuskokwim River basins, Alaska - Report of the District Engineer - Sec. 2, Description: U. S. Cong., 88th, 2d sess., House Doc. 218, p. 14-43, tables

U. S. Coast and Geodetic Survey, 1964, Prince William Sound, Alaskan earthquakes, March-April 1964 - Preliminary report: Washington, D. C., U. S. Coast and Geodetic Survey, 83 p., illus: excerpts, *Rev. Union Internat. Secours*, no. 2, p. 40-68, illus.

U. S. Geological Survey, 1964, Location of geologic field projects in Alaska as of June 30, 1964: Washington, D. C., U. S. Geological Survey, scale 1:4,000,000, table

U. S. Geological Survey: Alaska Department of Natural Resources, 1964, Mineral and water resources of Alaska - Report prepared at the request of Senator Ernest Gruening of the U. S. Senate Committee on Interior and Insular Affairs: U. S. Cong., 88th, 2d sess., Comm. Print, 179 p., illus., maps

Utsu, Tokuji, 1962, On the nature of three Alaskan aftershock sequences of 1957 and 1958: *Seismol. Soc. America Bull.*, v. 52, no. 2, p. 279-297, illus., tables

Vening-Meinesz, F. A., 1964, The Anchorage earthquake: *Koninkl. Nederlandse Akad. Wetensch. Proc.*, ser. B, v. 67, no. 4, p. 339-340

Viereck, L. A., 1963, Lenses of frozen ground under white spruce growing on a river terrace in Mount McKinley National Park, Alaska [abs.]: in *Alaskan Sci. Conf.*, 13th, Juneau, 1962, Proc.: *Sci. Alaska 1962*, p. 33-34

Waananen, A. O.; Giles, G. C., 1964, Water resources, in Mineral and water resources of Alaska: U. S. Cong., 88th, 2d sess., Comm. Print, p. 149-179, illus., tables, geol. map

Wahrhaftig, Clyde; Gates, G. O., 1964, Geology - Physiographic setting, in Mineral and water resources of Alaska: U. S. Cong., 88th, 2d sess., Comm. Print, p. 27-32, geol. map

Waldron, H. H., 1961, Geologic reconnaissance of Frosty Peak volcano and vicinity, Alaska: U. S. Geol. Survey Bull. 1028-T, p. 677-708, illus., geol. map

Walker, H. H.; Morgan, H. M., 1964, Unusual weather and river bank erosion in the delta of the Colville River, Alaska: Arctic, v. 17, no. 1, p. 41-47, illus.

Walker, H. J., 1962, The Colville River Delta, in Natl. Coastal and Shallow Water Research Conf., 1st, 1961, Proc.: [Washington, D. C.] Natl. Sci. Found. and [U. S.] Office of Naval Research, p. 472-474

Walker, H. J., 1963, Riverbank erosion in an Arctic delta [abs.]: Assoc. Am. Geographers Annals, v. 53, no. 4, p. 627

Walker, H. J.; Arnborg, Lennart, 1963, Nature of the Colville River during the late winter and breakup periods, 1962 [abs.]: Geol. Soc. America Spec. Paper 73, p. 290

Walker, H. J.; Morgan, H. M., 1962, The morphological changes in a Colville River Delta lake - A preliminary report [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 133; Geol. Soc. America Spec. Paper 68, p. 122

Walker, H. J.; Morgan, H. M., 1964, Unusual weather and river bank erosion in the delta of the Colville River, Alaska: Arctic, v. 17, no. 1, p. 41-47, illus.

Waller, R. M., 1960, Ground-water conditions in the vicinity of Project Chariot, Ogotoruk Creek, northwestern Alaska: U. S. Geol. Survey Rept. TEI-753, p. 72-78, incl. sketch map, Jan.

Waller, R. M., 1961, Ground-water investigations in support of Project Chariot Phase III - Summer 1960: U. S. Geol. Survey Rept. TEI-779, p. 87-101, illus., tables

Waller, R. M., 1962, Winter hydrology of a small Arctic stream [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 134-136; Geol. Soc. America Spec. Paper 68, p. 122-123

Waller, R. M., 1963, Data on wells in the Homer area, Alaska: Alaska Dept. Health and Welfare Water-Hydrol. Data 23, 24 p., illus., tables

Waller, R. M., 1964a, Engineering planning in Anchorage water management [abs.]: Geol. Soc. America Spec. Paper 76, p. 302-303

Waller, R. M., 1964b, Hydrology and the effects of increased ground-water pumping in the Anchorage area, Alaska: U. S. Geol. Survey Water-Supply Paper 1779-D, p. D1-D36, illus.

Waller, R. M.; Mathur, S. P., 1962, Data on water supplies at Nome, Alaska: Alaska Dept. Health and Welfare Water-Hydrol. Data 17, 12 p., illus., tables

Waller, R. M.; Selkregg, L. F., 1962, Data on wells and springs along Glenn Highway (State 1), Alaska: Alaska Dept. Health and Welfare Water-Hydrol. Data 15, 24 p., illus., tables

Waller, R. M.; Tolen, D. A., 1962a, Data on ground-water exploration and development in southeastern Alaska: Alaska Dept. Health and Welfare Water-Hydrol. Data 19, 15 p., illus., tables

Waller, R. M.; Tolen, D. A., 1962b, Data on wells and springs along the Richardson Highway (State 4), Alaska: Alaska Dept. Health and Welfare Water-Hydrol. Data 16, 32 p., illus., tables

Waller, R. M.; Cederstrom, D. J.; Trainer, F. W., 1961, Data on wells in the Anchorage area, Alaska: Alaska Dept. Health and Welfare Water-Hydrol. Data 14, 124 p., illus.

Waller, R. M.; Feulner, A. J.; Tisdell, F. E., 1962, Ground-water movement in the Fort Greely area, Alaska [abs.], in Alaskan Sci. Conf., 12th, 1961, Proc.: Sci. Alaska 1961, p. 133-134; Geol. Soc. America Spec. Paper 68, p. 123

Walsh, John, 1964a, Alaska; a thorough postmortem on earthquake urged on behalf of both science, reconstruction: Science, v. 144, no. 3618, p. 515-518

Walsh, John, 1964b, Alaska: First phase of post-quake reconstruction ending; long-term scientific program is under way: Science, v. 145, no. 3640, p. 38-39

Walters, K. L., 1963, Geologic reconnaissance and test-well drilling, Cordova, Alaska: U. S. Geol. Survey Water-Supply Paper 1779-A, p. A1-A11, illus., tables, geol. map

Warfield, R. S., 1962a, Bituminous coal deposits of the Matanuska coalfield, Alaska - Central and western parts, Wishbone [Hill] district: U. S. Bur. Mines Rept. Inv. 5950, 190 p., illus., tables

Warfield, R. S., 1962b, Some nonmetallic mineral resources for Alaska's construction industry: U. S. Bur. Mines Rept. Inv. 6002, 25 p., illus., tables

Warfield, R. S., 1963, Investigation of a subbituminous coal deposit suitable for open-cut mining, Beluga River coalfield, Alaska: U. S. Bur. Mines Rept. Inv. 6238, 100 p., illus., tables

Warner, L. A.; Goddard, E. N.; Walton, M. S., Jr.; Bressler, C. T.; Stefansson, Karl; Ray, R. G.; Flint, G. M., Jr., 1961, Iron and copper deposits of Kasaan Peninsula, Prince of Wales Island, southeastern Alaska: U. S. Geol. Survey Bull. 1090, 136 p., illus., tables, geol. maps

Wasserburg, G. J.; Eberlein, G. D.; Lanphere, M. A., 1963, Age of the Birch Creek schist and some batholithic intrusions in Alaska [abs.]: Geol. Soc. America Spec. Paper 73, p. 258-259

Wayland, R. G., 1960, The Alaska Juneau gold ore body: Neues Jahrb. Mineralogie Abh. (Stuttgart, Germany), Band 94, Festband Ramdohr, 1. Hälfte, p. 267-279, incl. chart and German abs., also diagrams, June

Wayland, R. G., 1961, Tofty tin belt, Manley Hot Springs district, Alaska: U. S. Geol. Survey Bull. 1058-I, p. 363-414, illus., geol. map

Weber, F. R.; Péwé, T. L., 1961a, Engineering geology problems in the Yukon-Koyukuk lowland, Alaska, Art. 419: U. S. Geol. Survey Prof. Paper 424-D, p. D371-D373, illus.

Weber, F. R.; Péwé, T. L., 1961b, Reconnaissance engineering geology for highway location in Alaska [abs.]: Alaskan Sci. Conf., 11th, Anchorage, Aug. 29-Sept. 2, 1960, Proc., p. 165-166

Weeks, W. F.; Hamilton, W. L., 1962, Petrographic characteristics of young sea ice, Point Barrow, Alaska: U. S. Army Materiel Command, Cold Regions Research and Eng. Lab. Research Rept. 101, 10 p., illus., table; Am. Mineralogist, v. 47, nos. 7-8, p. 945-961, illus., table

Wescott, E. M., 1960, Magnetic and telluric current disturbances in Alaska: Geophysics, v. 25, no. 6, p. 1242-1250, incl. diagrams and tables, Dec.

Wescott, E. M.; Hessler, V. P., 1960, The effect of topography and geology on telluric currents: Alaska Univ. Geophys. Inst. [Rept. Ser.] UAG-R107, 30 p., illus., Apr.

Wescott, E. M.; Hessler, V. P., 1962, The effect of topography and geology on telluric currents: Jour. Geophys. Research, v. 67, no. 12, p. 4813-4823, illus., table

Westermann, G., 1963, Die Ammonitenfauna des Unter-Bajocien der Alaska-Halbinsel und ihre Beziehungen [abs.]: Paläont. Zeitschr., v. 37, nos. 1-2, p. 21

Westermann, G. E. G., 1964, The ammonite fauna of the Kialagvik formation at Wide Bay, Alaska Peninsula - Pt. 1, Lower Bajocian (Aalenian) [with Russian summary]: Bulls. Am. Paleontology, v. 47, no. 216, p. 327-503, illus.

White, M. G.; Nelson, A. E.; Matzko, J. J., 1963, Radiometric investigations along the Taylor Highway and part of the Tanana River, Alaska, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 77-82, illus., tables

White, M. G.; Stevens, J. M.; Matzko, J. J., 1963, Radiometric traverse along the Yukon River from Fort Yukon to Ruby, Alaska, 1949, in Contributions to economic geology of Alaska: U. S. Geol. Survey Bull. 1155, p. 82-89, illus., table

Wiedmann, Jost, 1962, Notizen zur Systematik der Kreideammoniten - Pt. 2, Die Gabbiceratinae Breistroffer: Neues Jahrb. Geologie u. Paläontologie Abh., v. 115, no. 1, p. 1-43, illus., tables

Williams, J. R., 1960, Cenozoic sediments beneath the central Yukon Flats, Alaska: Art. 152 in U. S. Geol. Survey Prof. Paper 400-B, p. B329

Williams, J. R., 1962, Geologic reconnaissance of the Yukon Flats district, Alaska: U. S. Geol. Survey Bull. 1111-H, p. 289-331, illus., geol. map

Williams, J. R., 1964, Geologic reconnaissance of the Yukon Flats Cenozoic basin, Alaska [abs.]: Sci. Alaska 1963, p. 248-249

Williams, J. R.; Ferrians, O. J., Jr., 1961, Late Wisconsin and recent history of the Matanuska Glacier, Alaska: Arctic, v. 14, no. 2, p. 82-90, illus.

Wolff, Ernest, 1964, Handbook for the Alaskan prospector: Fort Collins, Colo., Burnt River Explor. and Devel. Co., 428 p., illus., tables

Wood, W. A., 1963, The Icefield Ranges Research Project: Geog. Rev., v. 53, no. 2, p. 163-184, illus., tables

Woollard, G. P.: others, 1960, Gravity anomalies, crustal structure, and geology in Alaska: Jour. Geophys. Research, v. 65, no. 3, p. 1021-1037, incl. index map, sections, diagrams, and tables, gravity map, Mar.

Woolson, J. R., 1963(?), Geophysical work in Alaska [abs.]: Geophys. Soc. Tulsa Proc. 1959-61, v. 7, p. 89-90

Woolson, J. R.; others, 1962, Seismic and gravity surveys of Naval Petroleum Reserve No. 4 and adjoining areas, Alaska; Chap. A of Geophysics, Pt. 4 of Exploration of Naval Petroleum Reserve No. 4 and adjacent areas, northern Alaska, 1944-53: U. S. Geol. Survey Prof. Paper 304-A, p. 1-25, illus., tables

Wu, T. H.; Christensen, R. W., 1964, Measurement of surface strain-rate on Taku Glacier, Alaska: Jour. Glaciology, v. 5, no. 39, p. 305-313

Yochelson, E. L.; Dutro, J. T., Jr., 1960, Late Paleozoic Gastropoda from northern Alaska: U. S. Geol. Survey Prof. Paper 334-D, p. 111-147, illus.

Yochelson, E. L.; Dutro, J. T., Jr., 1963, *Mourlonia sablei*, new name for *Mourlonia minuta* Yochelson and Dutro 1960, not Weller 1916 [correction to "Late Paleozoic Gastropoda from northern Alaska," 1960]: Jour. Paleontology, v. 37, no. 3, p. 725

Zappa, T. A., 1960, Alaska - The next big oil state?: Oil and Gas Jour., v. 58, no. 34, p. 128-131, incl. illus., Aug.

Zietz, Isidore; Andreasen, G. E.; Grantz, Arthur, 1960, Regional aeromagnetic surveys of possible petroleum provinces in Alaska: Art. 36 in U. S. Geol. Survey Prof. Paper 400-B, p. B75-B76, incl. index map

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Killik-Etiviluk Rivers region: Chapman, Detterman and Mangus (1964)

Killik-Itkillik region: Patton (1960); Patton and Tailleux (1964)

Northern Alaska, geophysical surveys: Woolson (1963?)

Ogotoruk Creek area: Kachadoorian and others (1960)

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Simpson area: Robinson (1964)

Utukok-Corwin region: Chapman and Sable (1960)

Yukon Flats Cenozoic basin: Williams (1964)

Yukon Flats region, review: Heinsohn, Johnson and Poulin (1964)

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Alaska, general setting: U. S. Geological Survey and Alaska Department of Natural Resources (1964)

Handbook for prospectors: Wolff (1964)

Petroleum provinces: Hazzard, Moran, Lian and Simonson (1963)

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GENERAL SUBJECTS

- Arctic bibliography: Arctic Institute of North America (1961)
 Cold-weather research, U. S. Army: Eklund (1962)
 Handbook for prospectors: Wolff (1964)
 Prospecting and mining, introductory textbook: Anthony (1961)
 Research and education, current, summer Institute of Glaciological Sciences:
Miller, M. M. (1963a)

GEOCHEMISTRY

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- Arctic drainage waters, relation to lithology: Brown, Grant, Ugolini and Tedrow (1962)
 Chamberlin Glacier area, waters: Rainwater and Guy (1961)
 Chandalar quadrangle, stream sediments, metals, histograms: Brosge and Reiser (1964)
 Northern Alaska, organic soils, exchange capacities: Brown (1963b)

General Alaska

- Stream sediments, trace elements: Chapman and Cooley (1962)

South-central Alaska

- Ahtell Creek area, Slana district, prospecting: Richter (1964a)
 Cook Inlet basin, coals, rank variation: Barnes, F. F. (1962c)
 Copper River basin, mineral spring water and gas, chemical analyses:
Nichols and Yehle (1961a)
 Denali-Maclaren River area, drainage, geochemical studies: Kaufman (1964)
 Iliamna quadrangle, mineral-bearing samples, spectrographic analysis, table:
Detterman and Reed (1964)

Southeastern Alaska

- Bokan Mountain area, minor elements in rocks: MacKevett (1963a)
 Prince of Wales Island, Niblack Anchorage area, copper, prospecting:
Herreid (1964)
 Prospecting for metallic mineral resources: Herbert and Race (1964)
 Revillagigedo Island, Mahoney Creek, lead-zinc: Shacklette (1960)

Southwestern Alaska

- Bogoslof and Umnak Islands, volcanic suites: Byers (1961)
 Valley of Ten Thousand Smokes, Katmai gas in volcanic glass: Chaigneau and Bordet (1963)

Western Alaska

- Flat area, Yukon River region, geochemical prospecting, mercury-antimony:
Maloney (1962a)
 Kuskokwim region, central, mercury and antimony, ore genesis: Tunell (1964)
 Nome, stream sediment samples, guide to metalliferous lodes: Hummel and Chapman (1960)
 Seward Peninsula, stream sediments, beryllium: Sainsbury, Helz, Ansell and Westley (1961)

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Arctic Alaska

- Arctic area, patterned ground, soils: Drew and Tedrow (1962)
 Arctic beaches, ice-pushed ridges: Hume and Schalk (1964b)
 Arctic Coastal Plain
 Lake basin study: Carson, Hussey, Roy and O'Sullivan (1960)
 Oriented lakes: Carson (1962)
 Quaternary development: O'Sullivan (1962)

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Arctic Slope, unconsolidated silt: O'Sullivan and Hussey (1960)

Barrow area

Arctic beaches: Rex (1964)

Longshore transport, beach borrow effects: Hume and Schalk (1964a)

Oriented lakes: Carson (1962)

Shore-line studies: Schalk and Hume (1962)

Stratified pebble beach gravel, sorted polygons: Péwé (1964c)

Submarine canyon: Lepley (1962)

Bering and Chukchi Sea shelves: Dietz, Carsola, Buffington and Shipek (1964)

Cape Thompson area, shoreline, coastal processes: Moore and Cole (1960)

Chukchi shelf

Ogotoruk Creek area: Scholl and Sainsbury (1961a)

Ogotoruk submarine valley: Scholl and Sainsbury (1961b)

Colville River, floods and erosion: Walker and Arnborg (1963)

Colville River Delta

General: Walker (1962)

Lake: Walker and Morgan (1962)

Riverbank erosion

Floods and winds: Walker and Morgan (1964)

Recession rate: Walker (1963)

Franklin Bluffs area

Alluvial fan development in tundra climate: Anderson and Hussey (1963a)

Patterned ground, photo interpretation: Hussey (1963)

Stream capture, Hawk Creek near Sagavanirktok River: Reckendorf and Hussey (1963)

Kobuk River valley, central, glacial features and dunes: Fernald (1964)

Mud flows: Johnson (1962)

North Slope thermokarst, permafrost thaw features: Anderson and Hussey (1963b)

Northern Alaska

Coastal plain, climatic factors: Fellows (1960)

Oriented lakes

General: Carson and Hussey (1963); Price, W. A. (1963)

Wind direction: Rex (1961)

Wind-driven waves and currents: Carson (1963)

Patterned ground: Brown (1963b)

Northwestern Alaska

Beach ridges, wind direction records: Moore and Giddings (1962)

Slope movement: Everett (1962)

Ogotoruk Creek, Cape Thompson area

Asymmetric valleys, origin: Currey (1964)

Slope movement, physical parameters: Everett (1964)

Point Lay and Plover Island areas, near-shore bottom and barrier islands, profile changes: Schalk (1963)

Sadlerochit River, floodplain, ice mound: Lewis (1962)

General Alaska

Bays and inlets, submarine features, changes: Jordan (1962)

Beach ridges, sea-level fluctuations: Moore (1960)

Coastal review: Stanley (1962a)

Glacial and permafrost phenomena: Griffiths (1960)

Gulf of Alaska, submarine topography: Gibson (1960)

Periglacial phenomena: Jahn (1961)

Periglacial studies, bibliography: Black (1964b)

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- Permafrost, ice wedges: Black (1963)
- Physiographic provinces: Wahrhaftig and Gates (1964)
- Post-Wisconsin glacial changes: Goldthwait (1960)

Interior Alaska

- Asymmetrical valleys: Hopkins and Taber (1962)
- Pingos: Holmes, Hopkins and Foster (1963)
- Yukon Flats Cenozoic basin, alluvial and permafrost features: Williams (1964)
- Yukon-Koyukuk lowland: Weber and Péwé (1961a)

South-central Alaska

- Copper River, evolution: Nichols (1963)
- Copper River basin, mud volcanoes: Nichols and Yehle (1960, 1961b)
- Gulf of Alaska, submarine topography: Gibson (1960)
- Kenai lowland: Karlstrom (1964a)
- Lake George
 - Annual emptying: Stone (1963b)
 - Outbreak of a glacier-dammed lake: Meier (1960)
- Lakes, ice dammed: Stone (1963a)
- Latouche Island, sedge meadow pools, formation: Shacklette (1961)
- Martin River Glacier, stagnant, Karst topography: Clayton (1964)
- Martin River Glacier area, University of North Dakota Research expedition: Laird and Tuthill (1964)
- Matanuska valley, eolian deposits, history: Trainer (1961)
- Nelchina and Tazlina Glaciers area, soil profiles: Kubota and Whittig (1960)
- Seward area, landslides, submarine, earthquake of March 27, 1964: Shannon and Wilson (1964a)

Southeastern Alaska

- Baranof Island, southern fjords and valleys, structural influence: Brew, Loney, Pomeroy and Muffler (1963)
- Crater Lake - Long Lake - Seal River area: Miller, J. C. (1962a)
- Juneau ice field area, periglacial phenomena: Hamelin (1964)
- Lakes, ice-dammed: Stone (1963a)
- Lituya Bay, giant waves caused by landslides: Miller, D. J. (1960a)
- Terrain, granite base: Rogers (1960)

Southwestern Alaska

- Aleutian Islands, raised shorelines: Powers (1961)
- Amchitka Island, topography and submarine physiography: Powers, Coats and Nelson (1960)
- Anangula archaeological site: Black and Laughlin (1964)
- Unalaska Island: Drewes, Fraser, Snyder and Barnett (1961)

Western Alaska

- Bering and Chukchi Sea shelves: Dietz, Carsola, Buffington and Shipek (1964)
- Bering Strait, land bridge: Haag (1962); Narr (1964)
- Bristol Bay region: Berryhill (1963)
- Koyukuk basin, sand flows, earthquake of 1958: Davis (1960b)
- Yukon-Koyukuk lowland: Weber and Péwé (1961a)

GEOPHYSICAL SURVEYS

Arctic Alaska

- Arctic Ocean region, history, bibliography: Maldonado-Koerdell (1962)
- Barrow area
 - Geothermal studies on test well: Brewer (1961)
 - Heat flow: Lachenbruch and Brewer (1962)
 - Heat flow, permafrost: Lachenbruch, Brewer, Greene and Marshall (1962)

GEOPHYSICAL SURVEYS - Continued

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Bering and Chukchi Seas

Acoustic reflection: Moore, D. G. (1961)Shelves, seismic: Moore, D. G. (1964)

Cape Thompson

Chariot site, geothermal studies: Lachenbruch, Greene and Marshall (1960, 1961b)Heat-flow studies: Lachenbruch, Greene and Marshall (1961a)Ogotoruk Creek area: Lachenbruch and Greene (1960)Seismic and geothermal: Kachadoorian and others (1960)

Chukchi shelf

Gravity and magnetic observations: Ostenso, DenHartog and Black (1964)Magnetic surveys, seaborne reconnaissance: Ostenso and Parks (1964)Earth current: Hessler and Heacock (1962)General: Woolson (1963?)Kotzebue to Point Hope: Barnes and Allen (1961)Lake Peters, rate of melting at bottom of floating ice: Barnes and Hobbie (1960)Naval Petroleum Reserve No. 4, seismic and gravity: Woolson and others (1962)Ogotoruk Creek area, seismic: Barnes, D. F. (1960)

General Alaska

Alaska, gravity map: Ivanhoe (1961)Crustal structure, gravity anomalies: Woollard and others (1960)Magnetic and telluric current disturbances: Wescott (1960)Magnetic, petroleum exploration: Grantz and Zietz (1963)Offshore, seismic reflection: Shor (1962)

Petroleum

Magnetic: Zietz, Andreasen and Grantz (1960)Seismic: Savitt and Paitson (1964)Radioactivity, reconnaissance, 1955: Matzko and Freeman (1963)Regional aeromagnetic, 1945-1958, U.S.G.S.: Grantz and Zietz (1962)

Interior Alaska

College area

Earth-current and resistivity: Wescott and Hessler (1962)Gravity: Barnes, Allen and Bennett (1960, 1961)Minto Flats, gravity: Barnes, D. F. (1961)Tanana lowland, east-central, aeromagnetic: Andreasen, Wahrhaftig and Zietz (1964)Taylor Highway and Tanana River, radioactivity: White, Nelson and Matzko (1963)Telluric current: Wescott and Hessler (1960)Yukon River, Fort Yukon to Ruby, radioactivity: White, Stevens and Matzko (1963)

South-central Alaska

Anchorage, Turnagain area, seismic refraction: Bush and Schwarz (1964)Anchorage to Nome, aeromagnetic profile: King (1961)Cook Inlet area, magnetic: Grantz and Zietz (1960); Grantz, Zietz and Andreasen (1963)Copper River basin, aeromagnetic and gravity, interpretation: Andreasen, Grantz, Zietz and Barnes (1964)Seward area, seismic, profiles: Shannon and Wilson (1964a)

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Jarvis Glacier, gravity: Ostenso and Holmes (1962)Prince of Wales Island, Kasaan Peninsula: Warner, Goddard, Walton, Bressler, Stefansson, Ray and Flint (1961)

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Aleutian ridge and basin, eastern shelf, seismic: Shor (1964)Aleutian trench, Kodiak Island area, gravity and magnetic: Peter, Elvers and Yellin (1964)Anchorage to Nome, aeromagnetic profile: King (1961)Katmai National Monument, gravity: Decker (1964)Naknek quadrangle, part, aeromagnetic: Andreassen, Dempsey, Vargo and others (1963a)Ugashik and Karluk quadrangles, parts, aeromagnetic: Andreassen, Dempsey, Vargo and others (1963b)

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Bering and Chukchi Seas

Acoustic reflection: Moore, D. G. (1961)Shelves, seismic: Moore, D. G. (1964)Dillingham quadrangle, part, aeromagnetic: Henderson, Vargo and others (1963)Naknek quadrangle, part, aeromagnetic: Andreassen, Dempsey, Vargo and others (1963a)Yukon River, Fort Yukon to Ruby, radioactivity: White, Stevens and Matzko (1963)

GLACIAL GEOLOGY

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Arctic Slope, Anaktuvuk valley: Porter (1963a)Baldwin Peninsula: Hopkins, McCulloch and Janda (1962)

Brooks Range

Franklin Mountains

Chamberlin Glacier area, melt-water sedimentation: Rainwater and Guy (1961)Mount Chamberlin area: Holmes and Lewis (1961)North-central, moraine sequences: Porter (1964b)

Romanzof Mountains

McCall Glacier, temperature study: Orvig and Mason (1963)Okpilak Glacier, recession, thinning, recent evidence: Sable (1961)Killik River area, Quaternary events: Tedrow and Walton (1964)Kobuk River valley, central, deposits: Fernald (1964)Shaviovik-Sagavanirktok Rivers area: Keller, Morris and Detterman (1961)Yukon Flats region, drift, moraine, and valley glaciation features: Heinsohn, Johnson and Poulin (1964)

General Alaska

Coastal areas, glacial behavior: Millett (1962)Features described: Griffiths (1960)Glacier research: Crary, Field and Meier (1962)

Glaciers

Regimen and firn limit estimation: Mercer (1961)Southern, observed changes: Field (1960)Permafrost zones, ice wedges: Péwé (1964b)

Quaternary chronology

Compared with paleoclimatic records: Karlstrom (1961a)General: Karlstrom (1961c)

GLACIAL GEOLOGY - Continued

General Alaska - Continued

South-central and southeastern Alaska, ice-dammed lakes, ages: Stone (1963a)
 South-central and southwestern Alaska, Pacific coast, Pleistocene environment,
 physical and biological: Karlstrom (1961b)

Interior Alaska

Tanana valley, frost penetration, influence of snow cover: Krinsley (1963)
 Yukon Flats region, drift, moraine and valley glaciation features: Heinsohn,
Johnson and Poulin (1964)

Yukon-Tanana upland, multiple glaciation: Péwé and Burbank (1960, 1961)

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Alaska Range

Delta River, headwaters area, multiple glaciations: Péwé (1961)

Eldridge Glacier

General, Mt. McKinley: Carter and Atherton (1961)

Ogive systems, other regimes: Atherton (1963)

Gulkana Glacier

Ablation: Mayo and Péwé (1963a, 1963b)

Foliation: Rutter (1962)

General: Péwé (1963a, 1963b); Sellman (1962)

Ice fall structures: Ragan (1964)

Regimen: Mayo (1963a, 1963b)

Mount McKinley National Park, ice lenses, mounds: Viereck (1963)

Muldrow Glacier

Advance, 1957: Millett (1960)

Advance, sudden: Post (1960a, 1960b)

Surges: Harrison (1962, 1964)

Chugach Mountains

Columbia Glacier: Nielsen (1963)

Martin River Glacier

Ablation: Reid (1964)

Comparison with Late Pleistocene glaciers: Reid and Laird (1963)

Glacier and lakes, thermal and chemical data, molluscan ecology:
Tuchill (1963)

Ice sink-hole lakes, water-level fluctuations: Reid and Clayton (1963)

Matanuska Glacier, Late Wisconsin - Recent history: Williams and Ferrians
 (1961)

Kenai Lowland: Karlstrom (1964a)

Kenai Peninsula, Portage Glacier, recession: Schmidt (1961)

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Boundary Range, abandoned cirques: Miller, M. M. (1961)

Brady Glacier: Bengtson (1962)

Burroughs Glacier

Geologic history, ice structure and fabric: Taylor (1963c)

Ice structures: Taylor (1963a)

Movement, ice structures: Taylor (1963b)

Crillon Glacier system, Pleistocene - Recent fluctuations, C-14 dates:

Goldthwait, McKellar and Cronk (1963)

Glacier Bay, Wisconsin ice retreat, history, valley fill: Goldthwait (1963)

Glacier Bay National Monument, deglaciation land forms produced: Price (1964)

Jarvis Glacier, ice thickness: Ostenso and Holmes (1962)

Juneau ice field

Glaciers, effect of climate and topography, water budget: Marcus (1964)

Summer field institute: Miller, M. M. (1963a)

GLACIAL GEOLOGY - Continued

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Lemon Creek Glacier

Historical variations, post-Pleistocene climate: Heusser and Marcus (1964a)
 Movement and hydrological change, equilibrium flow: Heusser and Marcus (1964b)

Retreat, effect of climate and topography, water budget: Marcus (1964)
 Prince of Wales Island, Craig C-2 quadrangle and vicinity: Sainsbury (1961)
 Saint Elias Mountains, icefield ranges, glacier regimen: Wood (1963)
 Southeastern coastal districts, present regime, fluctuations, avalanching:
Miller, M. M. (1963c)

Taku Glacier

Advance, effect of climate and topography, water budget: Marcus (1964)
 General: Miller, M. M. (1963b)
 Strain rate and velocity measurements: Wu and Christensen (1964)

Southwestern Alaska

Alaska Peninsula, Frosty Peak area: Waldron (1961)

Western Alaska

Galena area, ice wedges in permafrost: Péwé (1962)

HYDROGEOLOGY

Arctic Alaska

Arctic drainage water, analysis, relation to lithology: Brown, Grant, Ugolini and Tedrow (1962)

Cape Thompson area, Project Chariot site, ground water: Waller (1960, 1961, 1962)

Kotzebue area, salt-water lens in permafrost: Cederstrom (1961b)

Northwestern Alaska, groundwater composition, seasonal changes: Feulner and Schupp (1963)

General Alaska

Alaska Highway route, wells and springs: Waller, Feulner and Tisdal (1962)

Galleries, development of shallow ground-water supply: Feulner (1964)

Glenn Highway route, wells and springs: Waller and Selkregg (1962)

Ground water: Cederstrom (1961a); Waananen and Giles (1964)

Lakes and wind-generated currents: Carson and Hussey (1960)

Richardson Highway route, wells and springs: Waller and Tolen (1962b)

Water resources, permafrost: U. S. Geological Survey and Alaska Department of Natural Resources (1964)

Water supply, wells, collection galleries in permafrost areas: Tisdal (1964)

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Fairbanks area, ground water resources: Cederstrom (1963)

Fort Greely area, ground water movement: Waller, Feulner and Tisdal (1962)

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Anchorage area

Ground water pumping effect: Waller (1964b)

Ground water resources: Waller (1964a)

Outwash and till: Cederstrom, Trainer and Waller (1964)

Well logs: Waller, Cederstrom and Trainer (1961)

Cordova area, test wells: Walters (1963)

Copper River lowland, saline springs: Grantz, White, Whitehead and Tagg (1962)

Kenai Peninsula

Homer area, well data: Waller (1963)

Ohlson Mountain area, resources: Feulner (1963b)

Matanuska Valley agricultural area, water resources: Trainer (1960)

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Ground-water exploration and development: Waller and Tolen (1962a)

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Alaska Peninsula, King Salmon area, well data: Feulner (1963a)

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Bethel area, well drilled through permafrost: Feulner and Schupp (1964)

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Imuruk Lake area: Hopkins (1963)

Nome area, ground water resources: Waller and Mathur (1962)

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Cape Thompson area, Project Chariot test site: Campbell (1961a)

Chandalar quadrangle: Brosge and Reiser (1964)

Chandler River region: Detterman, Bickel and Gryc (1963)

Killik-Etiviluk Rivers region, glacial deposits: Chapman, Detterman and Mangus (1964)

Kobuk River valley, central, surficial deposits: Fernald (1964)

Ogotoruk Creek area: Kachadoorian and others (1960)

Ogotoruk Creek area, offshore shelf: Scholl and Sainsbury (1961a)

Point Hope A-2 quadrangle: Kachadoorian (1960c)

Shaviovik River area, western, structure contour: Keller, Morris and Detterman (1961)

Shaviovik-Sagavanirktok Rivers area: Keller, Morris and Detterman (1961)

Structure contour, Naval Petroleum Reserve No. 4: Woolson and others (1962)

Yukon Flats district: Williams (1962)

General Alaska

Geologic field projects, U.S.G.S., 1964: U. S. Geological Survey (1964)

Geologic maps

Alaska, surficial: Karlstrom (1964b)

Mineral, physiographic, tectonic: U. S. Geological Survey and Alaska Department of Natural Resources (1964)

United States and Cuba, major features: Republic Exploration Company (1964)

Geophysical map, Alaska, bouguer gravity: Ivanhoe (1961)

Glacial maps

Burroughs Glacier, ice structures and crevasse patterns: Taylor (1963c)

Glaciers: American Geographical Society (1960)

Mineral maps, Alaska

Antimony, bismuth and mercury: Cobb (1960a)

Chromite, cobalt, nickel and platinum: Cobb (1960b)

Copper, lead and zinc: Cobb (1960c)

Gold, placer: Cobb (1964b)

Gold and silver, lode: Cobb (1962)

Industrial minerals and construction materials: Cobb (1964a)

Molybdenum, tin and tungsten: Cobb (1960d)

Tectonic map: Thompson (1960)

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Fairbanks area: Péwé and Paige (1963)

Fairbanks D-3 quadrangle: Péwé and Rivard (1961)

Fairbanks mining district: Forbes and Brown (1961)

Mount Hayes D-4 quadrangle: Péwé and Holmes (1964)

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Mount McKinley quadrangle: Reed (1961)Nenana-Rex area, surficial: Kachadoorian (1960a)Tanana lowland, east-central, geologic and aeromagnetic: Andreasen, Wahrhaftig and Zietz (1964)Tofty area: Wayland (1961)Yukon Flats district: Williams (1962)

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Tanana lowland, east-central, geologic and aeromagnetic: Andreasen, Wahrhaftig and Zietz (1964)

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Ahtell Creek area, Slana district: Richter (1964a)Anchorage area, with sections: Cederstrom, Trainer and Waller (1964)Anchorage D-1 quadrangle, northern two thirds: Grantz (1961a)Anchorage D-2 and NE part of D-3 quadrangles: Grantz (1961b)Bradley River, dam sites and diversion areas: Soward (1962)Chugach Mountains, eastern: Brabb and Miller (1962)Cook Inlet basin, tectonic: Kelly (1963a)Cordova area: Walters (1963)Denali - MacLaren River area: Kaufman (1964)Iliamna quadrangle: Detterman and Reed (1964)Kenai lowland, physiographic, climatic zonation, glacial extents: Karlstrom (1964a)Matanuska coal field, Knob Creek area, Wishbone Hill district: Barnes, F. F. (1962b)Matanuska valley agricultural area: Trainer (1960)Matanuska valley, lower: Barnes, F. F. (1962a)McCarthy A-4 quadrangle: Jones and Berg (1964)McCarthy A-4 quadrangle, northern: Miller and MacColl (1964)McCarthy C-4 quadrangle: MacKevett, Berg, Plafker and Jones (1964)McCarthy C-5 quadrangle: MacKevett (1963b)Mount Hayes D-4 quadrangle: Péwé and Holmes (1964)Mount McKinley quadrangle: Reed (1961)Nelchina area: Grantz (1960a)Portage Creek - Susitna River area: Richter (1964b)Rainbow Mountain area, Alaska Range, tectonic: Hanson (1963)Swanson River oil field, Cook Inlet basin, structure: Hill (1963a)Talkeetna Mountains A-1 and B-1 quadrangles: Grantz (1960b)Talkeetna Mountains A-2 quadrangle: Grantz (1960c)Valdez A-5 quadrangle: Coulter and Coulter (1961)Valdez - Tietel belt: Coulter and Coulter (1962)

Oil and gas map

Cook Inlet area: Hill (1964)

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Geochemical maps

Selected areas, geochemical prospects: Herbert and Race (1964)

Geologic maps

Admiralty Island: Lathram and others (1960)Admiralty Island, Pybus - Gambier area: Loney (1964)Baranof Island, Baranof and Carbon Lakes powersites: Soward (1961)

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- Baranof Island, northern reconnaissance: Berg and Hinckley (1963)
 Baranof and Kruzof Islands: Loney, Pomeroy, Brew and Muffler (1964)
 Bogan Mountain area: MacKevett (1963a)
 Chichagof Island, Freshwater Bay area: Loney, Condon and Dutro (1963)
 Chichagof Island and northwestern Baranof Island: Loney, Berg, Pomeroy and Brew (1963)
 Craig quadrangle: Condon (1961)
 Craig C-2 quadrangle and vicinity: Sainsbury (1961)
 Crater Lake - Long Lake - Speel River area near Juneau: Miller, J. C. (1962a)
 Dry Pass area, Kosciusko Island: Herreid and Kaufman (1964)
 Fairweather Range, southern: Rossman (1963a)
 Juneau area, Sheep Creek, Carlson Creek and Turner Lake powersites: Plafker (1962)
 Kasaan Peninsula, Prince of Wales Island: Warner, Goddard, Walton, Bressler, Stefansson, Ray and Flint (1961)
 Katalla area: Kachadoorian (1960c)
 Mount Fairweather quadrangle, eastern: Rossman (1963b)
 Niblack Anchorage area, Prince of Wales Island: Herreid (1964)
 North Bradfield River iron prospect: MacKevett and Blake (1963a)
 Petersburg area, Scenery, Cascade and Delta Creek power sites: Miller, J. C. (1962b)
 Sumdum copper-zinc prospect: MacKevett and Blake (1964)

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Geologic maps

- Alaska Peninsula, Frosty Peak area: Waldron (1961)
 Kiska Island: Coats, Nelson, Lewis and Powers (1961)
 Unalaska Island: Drewes, Fraser, Snyder and Barnett (1961)

Geophysical maps, aeromagnetic

- Naknek quadrangle, part: Andreassen, Dempsey, Vargo and others (1963a)
 Ugashik and Karluk quadrangles, parts: Andreassen, Dempsey, Vargo and others (1963b)

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Geologic maps

- Goodnews quadrangle: Hoare and Coonrad (1961a)
 Hagemeister Island quadrangle: Hoare and Coonrad (1961b)
 Imuruk Lake area: Hopkins (1963)
 Lost River valley and tin mine area: Sainsbury (1964b)
 Nome C-1 quadrangle: Hummel (1962a)
 Nome D-1 quadrangle: Hummel (1962b)
 Red Devil quicksilver mine area: MacKevett and Berg (1963)
 Geophysical maps, aeromagnetic
 Dillingham quadrangle, part: Henderson, Vargo and others (1963)
 Naknek quadrangle, part: Andreassen, Dempsey, Vargo and others (1963a)

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Cymrite, Brooks Range

- Ambler River quadrangle, Ruby Creek copper deposit: Runnells (1964)
 Wiseman quadrangle, mafic intrusive: Brosge (1960)
 Ice, Peters Lake, crystal growth: Muguruma and Kikuchi (1964)

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South-central Alaska

Clay, Anchorage, glacial, analyses: Shevlin (1964)

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Sulfides - oxides - rare earths, Admiralty Island, spectrographic analysis:
Lathram and others (1960)

Ultramafic complex, Duke Island: Irvine (1962)

Uranium-thorium deposits, Prince of Wales Island

Bokan Mountain area: MacKevett (1960b)

Ross Adams mine: MacKevett (1960a)

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Magnetite with sulfide inclusions, Valley of Ten Thousand Smokes: Ramdohr
(1962)

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Kaolinite group, altered rocks, Lost River tin mine area: Sainsbury (1964b)

Laumontite, Cretaceous sedimentary rocks, diagenesis: Hoare, Condon and Patton (1964)

PALEOCLIMATOLOGY

Pleistocene, Seward Peninsula, Bering land bridge: Colinvaux (1963b)

Recent, northwestern Alaska, beach ridges: Moore and Giddings (1962)

PALEONTOLOGY

Ammonoidea (ammonites) - (see also Cephalopods)

Cretaceous

Albian, Chitna Valley and Talkeetna Mountains: Imlay (1960)

Matanuska Formation, south-central Alaska: Jones (1961)

Seebee Formation, northern Alaska, systematic descriptions: Cobban and Gryc (1961)

Jurassic

New genera: Imlay (1961b)

Tuxedni group, Cook Inlet region and Talkeetna Mountains: Imlay (1962b, 1964)

Aves (birds), distribution, evidence of Cenozoic Beringian land bridge: Kessel (1963)

Brachiopoda (brachiopods), Ordovician, Tatonduk River area: Dutro and Ross (1964)

Cephalopoda (cephalopods)

Cretaceous

Ammonites, southern Alaska: Jones (1963b)

Gabbiceras, classification and nomenclature: Wiedmann (1962)

Jurassic

Bajocian ammonite fauna, correlation with Europe: Westermann (1963)

Kialagvik Formation, Jurassic, Wide Bay area, Early Bajocian, ammonoid fauna: Westermann (1964)

Tuxedni Formation, Cook Inlet area, ammonites: Imlay (1962a, 1962b)

Coelenterata, Pennsylvanian, pebbles in Cretaceous formations, northern: Branson (1962)

Conodonts, Upper Paleozoic and Triassic, northern: Bergquist (1960)

Diatoms: Karlstrom (1964a)

Fauna

Admiralty Island, Pybus-Gambier area, lists: Loney (1964)

Aleutian Islands, Terrestrial distribution, Pleistocene migration route:
Lindroth (1963)

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Cretaceous, lower, northern, marine megafauna, descriptions, correlation:

Imlay (1961a)

Foraminifera

Cretaceous

Arctic slope: Tappan (1960)

Matanuska Formation, Squaw Creek - Nelchina River area, zonation:

Bergquist (1961b)

Northern: Tappan (1961)

Sentinel Hill member of Schrader Bluff Formation, Colville River:

Loeblich and Tappan (1964)

Pleistocene

Bootlegger Cove clay, Anchorage area: Schmidt (1963); Smith (1964)

Gubik Formation, northern Alaska: Tappan (1961)

Pleistocene-Recent boundary, Gulf of Alaska: Smith (1963)

Quaternary, Gubik Formation, Barrow area, paleoecology: Faas (1963)

Recent, Bering Sea, eastern, distribution patterns: Anderson, G. J. (1963)

Tertiary, Poul Creek Formation, Yakataga district, ecology, correlation:

Rau (1963)

Upper Paleozoic and Triassic, northern Alaska: Bergquist (1960)

Gastropoda

Paleozoic, northern Alaska: Yochelson and Dutro (1960)

Paleozoic, upper, northern Alaska, *Mourlonia sablei*, new name: Yochelson and

Dutro (1963)

Insecta

Cretaceous, Early, insects in amber, Arctic Plain: Langenheim, Smiley and

Gray (1960)

Cretaceous, Kuk Inlet, reworked amber, ceraphronid, new: Muesebeck (1963)

Fleas, distribution, faunal affinities, Pleistocene migrations: Holland (1963)

Invertebrata

Matanuska formation, Cretaceous, south-central, list: Grantz and Jones (1960)

Marine, Pliocene, Kivalina area, list: Hopkins and MacNeil (1960)

Pennsylvanian, southeastern, list: Dutro and Douglass (1961)

Mammalia

Bering sea floor, mammoth and reindeer: Ozaki (1961)

Pleistocene, distribution of woolly mammoth: Farrand (1961)

Man, fossil, Quaternary, Arctic National Wildlife Range: Campbell, J. M. (1962)

Microfauna, Nelchina limestone, Cretaceous, Talkeetna Mountains, list:

Bergquist (1961a)

Mollusca

Cretaceous, lower, northern, marine descriptions, correlation: Imlay (1961a)

Quaternary

Cook Inlet area, bogs, lists: Karlstrom (1964a)

Martin River Glacier and lakes, ecology, distribution: Tuthill (1963)

Ostracoda

Triassic, Shublik Formation, Arctic Slope, marine forms: Sohn (1964)

Pleistocene

Bootlegger Cove clay, Anchorage area: Schmidt (1963)

Gubik Formation, Arctic Coastal Plain: Swain (1961, 1963)

Palynology

Pleistocene, Seward Peninsula, tundra, C-14 dates: Colinvaux (1963a)

Pleistocene - Recent sequence, Imuruk Lake: Colinvaux (1962)

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Palynology - Continued

Pleistocene-postglacial

Naknek River, drainage sites, climate: Heusser (1963b)

Ogotoruk Creek, diagrams: Heusser (1963a)

Palynomorphs, Tertiary, Chickaloon Formation, Matanuska coal field: Ames and Riegel (1962)

Pelacypoda

Cretaceous, *Inoceramus*, Colville River region: Jones and Gryc (1960)

Lower Cretaceous, *Bachia sublaevis*, Tiglukpuk Formation, Arctic foothills: Jones and Grantz (1964)

Miocene - Pliocene, southeastern: MacNeil (1961); Miller, D. J. (1961)

Devonian(?), Livengood area, new species: McAlester (1962)

Plants

Cretaceous

Arkose Ridge Formation: Grantz and Wolfe (1961)

Kuk River area: Smiley (1961, 1964)

Tertiary

Correlations: MacNeil, Wolfe, Miller and Hopkins (1961)

Pollen and wood: Hopkins and Benninghoff (1961)

Pteridophytes, Devonian, northeastern, *Pseudobornia*: Mamay (1963)

Pollen analysis, C-14 dated samples, climate evidence: Colinvaux (1964)

Pollen and spores, Cenozoic, Alaska Range, Johnson River area: Benninghoff and Holmes (1961)

Vertebrate gap, Tertiary, Alaska Range region, nonmarine deposits searched: Dorr (1964)

PETROLOGY (see also Sedimentary Petrology)

Arctic Alaska

Arctic Coastal Plain, Gubik Formation: Black (1964a)

Arctic Ocean near Barrow, floating sediments: Hume (1963, 1964)

Cape Thompson, Ogotoruk Beach, sand, grain-size analysis: Moore, G. W. (1961)

Peters Lake, crystallography and structure of lake ice: Muguruma and Kikuchi (1963)

Point Barrow, young sea ice, petrography: Weeks and Hamilton (1962)

Interior Alaska

Fairbanks and Circle districts, Birch Creek schist: Forbes (1961)

South-central Alaska

Alaska Range, Totatlanika schist: Ragan and Horlocker (1963)

Anchorage, glacial clays: Shevlin (1964)

Copper River basin

Glaciolacustrine deposits, phenoclast orientation: Schmoll (1961)

Mud volcanoes, coves: Nichols and Yehle (1961b)

Gulf of Alaska, volcanic ash layers in sediment cores: Nayudu (1964)

Portage Creek - Susitna River area, quartz monzonite: Richter (1964b)

Rainbow Mountain area, Paleozoic - Mesozoic rocks, Denali fault, relations: Hanson (1963)

Southeastern Alaska

Admiralty Island

Funter Bay, nickel-copper deposit, gabbro pipe: Barker (1963b)

General: Lathram and others (1960)

Pybus-Gambier area, lists: Loney (1964)

Bokan Mountain area, igneous and metamorphic: MacKevett (1963a)

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Southeastern Alaska - Continued

Chichagof and northwestern Baranof Islands, plutons: Loney, Berg, Pomeroy and Brew (1963)

Chichagof Island, Freshwater Bay area: Loney, Condon and Dutro (1963)

Duke Island, ultramafic complex

General: Irvine (1961, 1962)

Layered intrusions: Irvine (1963)

Layered ultrabasic rocks due to magmatic currents: Irvine (1964)

Fairweather Range, southern, layered gabbro stock: Rossmann (1963a)

Juneau ice field area, schists and gneisses: Forbes (1960b, 1960c)

Mount Fairweather quadrangle, eastern: Rossmann (1963b)

Prince of Wales Island, Craig C-2 quadrangle and vicinity: Sainsbury (1961)

Ultramafic complexes: Noble and Taylor (1960); Taylor and Noble (1960)

Southwestern Alaska

Aleutian Islands, volcanic and sedimentary rocks: Coats (1962)

Kiska Island, igneous rocks: Coats, Nelson, Lewis and Powers (1961)

Shumagin Islands, metasediments and granodiorite: Grantz (1963)

Umnak and Bogaslof Islands, volcanic suites: Byers (1961)

Unalaska Island

General: Drewes, Fraser, Snyder and Barnett (1961)

Pillowau lava, genesis: Snyder and Fraser (1963)

Valley of Ten Thousand Smokes

Katmai gas in volcanic glass: Chaigneau and Bordet (1963)

Katmai tuffs, ignimbritic dacite, formation: Bordet and Tazieff (1963)

Mount Katmai: Bordet, Marinelli, Mittempergher and Tazieff (1963)

Western Alaska

Bering and Chukchi Sea shelves: Dietz, Carsola, Buffington and Shipek (1964)

Fairway Rock in Bering Strait, porphyritic granite: Shumway, Moore and Dowling (1964)

Lost River tin mine area, Port Clarence, Seward Peninsula, limestone and intrusives: Sainsbury (1964b)

Imuruk Lake area, Seward Peninsula, igneous and metamorphic rocks: Hopkins (1963)

Kuskokwim River basin, Rhyolite mercury prospect, trench sample data: Maloney (1962b)

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Arctic Alaska

Barrow area

Arctic beaches: Rex (1964)

Shallow water sediments: Hume (1962)

Brooks Range

Anaktuvuk Pass area, rendzina soil on Lisburne limestone genesis:

Ugolini and Tedrow (1963)

Northern, weakening soil-forming potential: Tedrow and Brown (1962)

Okpilak River valley, organic soil: Brown (1963a)

Porcupine Lake area, Permian - Triassic black shale, derived soils:

Ugolini, Tedrow and Grant (1963)

Chukchi Sea

Bottom sediments, distribution and sorting: Creager and McManus (1964)

Continental shelf area clastic bottom sediments: Creager (1963)

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South-central Alaska

Copper River basin

Glaciolacustrine sediments, genesis: Ferrians (1963b)Glaciolacustrine and diamicton deposits: Ferrians (1963a)

Donnelly Dome area

Outwash, texture, unfrozen patterned ground: Andresen, Church and Péwé (1963b)Polygons in gravels, textural data: Andresen, Church and Péwé (1963a)

Southeastern Alaska

Baranof Island, northern: Berg and Hinckley (1963)

Western Alaska

Bristol Bay region, beach sands, petrographic analyses of concentrates: Berryhill (1963)Cape Prince of Wales shoal, sediments, size analysis and environments: McManus and Creager (1963)

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Arctic Alaska

Barrow area, sea-ice movement of beach material: Schalk and Hume (1961)Cape Thompson area, Ogotoruk Beach: Moore, G. W. (1961)Chamberlin Glacier area: Rainwater and Guy (1961)Chukchi Sea, shoals at headlands: McManus and Creager (1961)Northwestern coast, marine, environments: Moore and Scholl (1961)

General Alaska

Sediment transport of glacier-fed streams: Borland (1961)Southern bays and inlets, submarine changes: Jordan (1961)

South-central Alaska

Matanuska Valley, eolian deposition: Trainer (1961)

STRATIGRAPHY

Arctic Alaska

Arctic Coastal Plain, Gubik Formation, Quaternary: Black (1964a)Arctic foothills, Tiglukpuk and Okpikruak Formations, Lower Cretaceous, age relations: Jones and Grantz (1964)Baldwin Peninsula, Quaternary: Hopkins, McCulloch and Janda (1962)

Barrow area

Permafrost, soil units: Sellman and Brown (1964)Triassic - Cretaceous: Collins (1961)

Brooks Range

DeLong Mountains, Devonian and Mississippian: Sable and Dutro (1961)Eastern, Paleozoic: Brosigé, Dutro, Mangus and Reiser (1962)North-central, late Pleistocene - Recent glacial chronology: Porter (1964b)Northern front, Nuka formation, Carboniferous: Tailleux and Sable (1963)South-central, metasedimentary rocks: Brosigé (1960)Cape Thompson area, Project Chariot site, Devonian - Cretaceous: Campbell, R. H. (1961a)Chandler River region: Detterman, Bickel and Gryc (1963)Colville River region: Jones and Gryc (1960)Kivalina area, Pliocene: Hopkins and MacNeil (1960)

Northern

Cretaceous: Tappan (1962)Cretaceous, lower, correlation, marine megafauna: Imlay (1961a)

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- Point Hope A-2 quadrangle, Lisburne Group, Mississippian: Campbell (1960b)
- Shaviovik - Sagavanirktok Rivers area, Mississippian - Tertiary: Keller, Morris and Detterman (1961)
- Yukon Flats, central, Cenozoic: Williams (1960)

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- Evolution, tectonic effects: Herreid (1961a)
- Mesozoic, revision, tectonic implications: Patton and Grantz (1962)
- Paleozoic: Dutro (1961)
- Surficial deposits: Karlstrom (1960a)

Tertiary

- Correlations: MacNeil, Wolfe, Miller and Hopkins (1961)
- Non-marine, plant fossils: Hopkins and Benninghoff (1961)

Interior Alaska

- Tanana lowland, east-central: Andreassen, Wahrhaftig and Zietz (1964)
- Yukon Flats, central, Cenozoic: Williams (1960)

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- Alaska Range, Johnson River area, Cenozoic: Benninghoff and Holmes (1961)
- Arkose Ridge Formation, Talkeetna Mountains, Cretaceous: Grantz and Wolfe (1961)

Chitina Valley, Cretaceous: Jones (1963a)

Chugach Mountains, section: Brabb and Miller (1962)

Cook Inlet

General: Hill (1964); Kelly (1963b)

Quaternary: Karlstrom (1960b)

Tuxedni Formation, Jurassic: Detterman (1963); Imlay (1962a)

Iliamna quadrangle, Permian(?) - Quaternary, sections: Detterman and Reed (1964)

Katalla area, Cenozoic: Kachadoorian (1960c)

Matanuska coal field

Chickaloon Formation, Tertiary: Ames and Riegel (1962); Barnes F. F. (1960)

Knob Creek area, section: Barnes, F. F. (1962b)

Tertiary, Wishbone Hill district: Warfield (1962a)

Matanuska Formation, Cretaceous

General: Grantz and Jones (1960)

Matanuska Valley and Nelchina area, possible group rank: Grantz (1964b)

Squaw Creek - Nelchina River area, foraminiferal correlation: Bergquist (1961b)

McCarthy A-4 quadrangle

Cretaceous: Jones and Berg (1964)

Northern, sections: Miller and MacColl (1964)

McCarthy C-5 quadrangle, Jurassic: MacKevett and Blake (1963b, 1963c);

MacKevett and Imlay (1962)

McKinley Park area, Cantwell Formation, Cretaceous: Andresen (1964)

Southern Alaska, Cretaceous: Jones (1963b)

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Admiralty Island, Devonian, Permian - Tertiary: Loney (1964)

Chichagof Island, Freshwater Bay area, Silurian - Mississippian: Loney,

Condon and Dutro (1963)

Chichagof Island and Northwestern Baranof Island: Loney, Berg, Pomeroy and Brew (1963)

Miocene - Pleistocene, stratigraphic occurrence of *Lituyapecten*: Miller, D. J. (1961)

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Mount Fairweather quadrangle, eastern, Silurian - Devonian: Rossmann (1963b)
 Prince of Wales Island, Craig C-2 quadrangle, Ordovician - Tertiary:
Sainsbury (1961)

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Alaska Peninsula

Cape Douglas area, Cretaceous: Parkinson (1960)
 Frosty Peak area, Cenozoic: Waldron (1961)
 Kiska Island: Coats, Nelson, Lewis and Powers (1961)
 Unalaska Island, Cenozoic: Drewes, Fraser, Snyder and Barnett (1961)
 Wide Bay area, Kialagvik Formation, Jurassic, Lower Bajocian stage:
Westermann (1964)

Western Alaska

Bering Strait region, Quaternary: Hopkins, MacNeil and Leopold (1960)
 Cretaceous, laumontitized lithologic units: Hoare, Condon and Patton (1964)
 Goodnews quadrangle, Carboniferous - Cretaceous: Hoare and Conrad (1961a)
 Kuskokwim - Bristol Bay area, Precambrian - Quaternary: Hoare (1961)
 Seward Peninsula
 Cape Douglas, Cretaceous: Parkinson (1961)
 Imuruk Lake area, Cenozoic: Hopkins (1963)

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Arctic foothills, thrust faults: Jones and Grantz (1964)
 Brooks Range, Anaktuvuk Pass: Porter (1963b)
 Cape Thompson area, Project Chariot site: Campbell (1961a); Kachadoorian
 (1961a)
 Chandler River region: Detterman, Bickel and Gryc (1963)
 Imuruk Lake area: Hopkins (1963)
 Large structural units, distribution review: Fourmarier (1963)
 Lisburne Hills, southern, thrust faults: Campbell (1961b)
 Northern Alaska, tectonics: Bogdanov (1963)

General Alaska

Tectonic framework: Gryc (1961)
 Tectonic history: Gates (1964); Gates and Gryc (1961, 1963)
 Tectonics, Mesozoic: Patton and Grantz (1962)
 Tectonics related to stratigraphy and mineral deposits: Herreid (1961a)

South-central Alaska

Cook Inlet basin: Hill (1964); Kelly (1963b)
 Copper River basin, lake sediments: Nichols (1960)
 Kantishna district, Stampede antimony mine area: Barker (1963a)
 Kathleen-Margaret (MacLaren River) copper deposit, ore controls: MacKevett
 (1964)
 Lake Clark fault, strike-slip movement: Ivanhoe (1962)
 Matanuska coal field, Wishbone Hill district: Warfield (1962a)
 McCarthy A-4 quadrangle: Jones and Berg (1964)
 Portage Creek - Susitna area, folds and joints: Richter (1964b)
 Prince William Sound, tectonic alignments: U. S. Coast and Geodetic Survey
 (1964)
 Rainbow Mountain area, faults and folds, north and south of Denali fault:
Hanson (1963)

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Admiralty Island, superposed folding: Loney (1963)

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Baranof Lake powersite: Soward (1961)Northern: Berg and Hinckley (1963)Southern: Brew, Loney, Pomeroy and Muffler (1963)Bokan Mountain area: MacKevett (1963a)Burroughs Glacier, ice deformation patterns and fabric: Taylor (1963c)Chatham Strait fault; right-lateral separation: Lathram (1964)

Prince of Wales Island

Kasaan Peninsula: Warner, Goddard, Walton, Bressler, Stefansson, Ray and Flint (1961)Ross Adams uranium-thorium deposit: MacKevett (1960a)Structural patterns: Lathram (1960)

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Adak - Kagalaska Islands, fracture patterns: Lattman and Segovia (1961)Aleutian arc, magma origin: Coats (1961)

Aleutian Islands

General: Coats (1962)Islands and mainland, seismic history: Davis (1963)Bowers Bank and Bowers Basin, block faults, bathymetry: Nichols, Perry and Kofoed (1964)Aleutian ridge and basin, eastern shelf: Shor (1964)Aleutian trench, Kodiak Island area, gravity and magnetic surveys: Elvers, Yellin and Peter (1964); Peter, Elvers and Yellin (1964)Structural control of mercury deposits: Sainsbury and MacKevett (1960)

Western Alaska

Kuskokwim - Bristol Bay area, tectonics: Hoare (1961)Nome, structural control of gold lode and placer deposits: Hummel (1960a, 1960b)Structural control of mercury deposits: Sainsbury and MacKevett (1960)

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Gulf of Alaska, postglacial: Hurley and Nayudu (1961)

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Alaska Peninsula, Frosty Peak area: Waldron (1961)Aleutian arc, magma origin: Coats (1961)Aleutian Islands: Coats (1962)Katmai, type eruptions: Gorshkov (1962)Kiska Island: Coats, Nelson, Lewis and Powers (1961)

Mount Katmai and Valley of Ten Thousand Smokes

General: Bordet, Marinelli, Mittempergher and Tazieff (1963)Ignimbrite, 1912 eruption: Bordet and Tazieff (1963)National Monument, popular account: Gruening (1963)Mount Trident, recent: Decker (1964)Unalaska Island: Drewes, Fraser, Snyder and Barnett (1961)

WEATHERING

Arctic environment, soil formation: Hill and Tedrow (1961)Colville River delta, unusual weather and river bank erosion: Walker and Morgan (1964)Northern Brooks Range glaciated valleys, soil genesis: Brown and Tedrow (1964)