

**BIBLIOGRAPHY
OF ALASKAN GEOLOGY
1919 - 1949**

.... SPECIAL REPORT 22

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

**State of Alaska
Department of Natural Resources
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

William C. Fackler - Assistant Commissioner for Minerals



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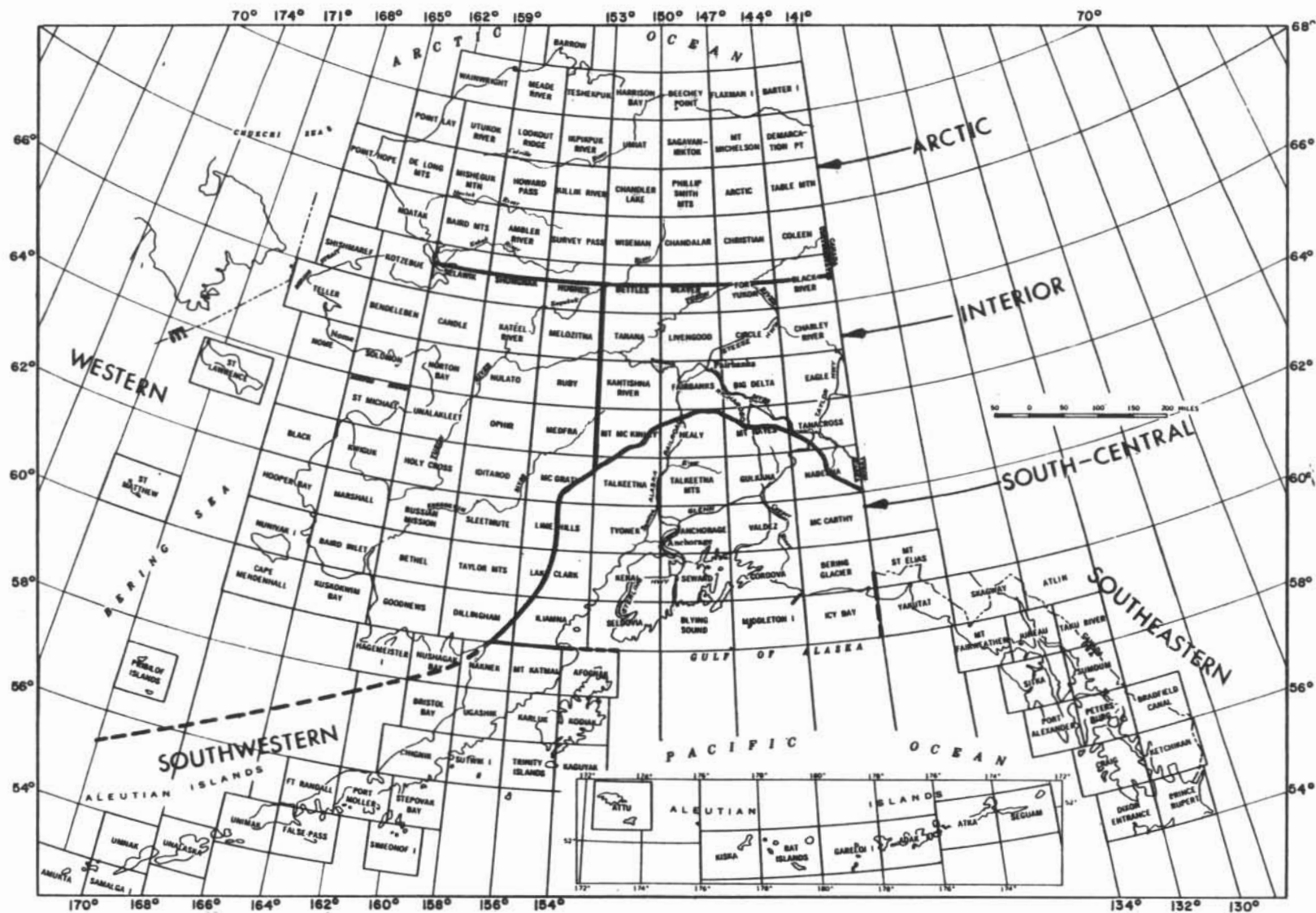


Figure 1. Quadrangles and major geographic divisions of Alaska referred to in this report

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

PURPOSE, SOURCE AND FORMAT

The Bibliography of Alaskan Geology, 1919-1949, 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 three volumes of the Bibliography of North American Geology (U. S. Geological Survey Bulletins 823, 937 and 1049). 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 first-hand 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. Polonaise Sci. Bull. Internat.
 Académie Polonaise des Sciences et des Lettres, Bulletin International.
 [Polish Academy of Sciences and Letters, International Bulletin]
 Kraków, Poland
- Acad. Sci. Fennicae Annales
 Academia Scientiarum Fennicae Annales. Suomalainen tiedeakatemia.
 [Finnish Academy of Science Annals. Finish Academy of Science(s) and Letters]
 Helsinki, Finland
- Alaska Dept. Mines Pamph.
 Territory of Alaska, Department of Mines Pamphlet
 Juneau, Alaska
- Am. Alpine Jour.
 American Alpine Journal
 New York, New York
- 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. Geophys. Union Trans.
 Transactions of the American Geophysical Union
 Washington, D. C.
- Am. Inst. Mining Metall. Engineers Bull.
 American Institute of Mining and Metallurgical Engineers, Bulletin
 American Institute of Mining and Metallurgical Engineers; predecessor
 of American Institute of Mining, Metallurgical and Petroleum Engineers
 New York, New York
- Am. Inst. Mining Metall. Engineers Tech. Pub.
 American Institute of Mining and Metallurgical Engineers, Technical Publication
 New York, New York
- Am. Inst. Mining Metall. Engineers Trans.
 American Institute of Mining and Metallurgical Engineers, Transactions
 New York, New York
- Am. Jour. Botany
 American Journal of Botany
 Lancaster, Pennsylvania
- Am. Jour. Sci.
 American Journal of Science (series number dropped in 1939 with publication
 of volume 237)
 New Haven, Connecticut

Am. Mineralogist

American Mineralogist. Mineralogical Society of America
Lancaster, Pennsylvania, or Menasha, Wisconsin; later Ann Arbor, Michigan, or
Washington, D. C.

Am. Museum Nat. History Bull.

American Museum of Natural History, Bulletin
New York, New York

Am. Museum Novitates

American Museum Novitates. American Museum of Natural History
New York, New York

Am. Phil. Soc. Proc.

American Philosophical Society, Proceedings
Philadelphia, Pennsylvania

Appalachia

Appalachia. Appalachian Mountain Club
Boston, Massachusetts, or Brattleboro, Vermont

Arctic

Arctic. Arctic Institute of North America
Montreal, Quebec, Canada; Washington, D. C., U.S.A.

Arctica

Arctica (Superseded by Problemy Arktiki)
Leningrad, Russia

Assoc. Am. Geographers Annals

Annals of the Association of American Geographers
Albany, New York, or Lancaster, Pennsylvania; later Washington, D. C.

Assoc. Internat. Hydrol. Sci., Réunion, Washington...C. R. tome_, Comm. des Glaciers
Association Internationale Hydrologie Scientifique, Réunion, Washington...Comptes
Rendus tome_. [International Association of Scientific Hydrology, Washington
(D.C.) Meeting...Proceedings, volume_, Glacier Commission or Committee]
Location of publisher uncertain

Black Hills Engineer

Black Hills Engineer
Rapid City, South Dakota

Bull. Am. Paleontology

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

Canada Geol. Survey Mem.

Canada, Geological Survey, Memoir (Geological Survey of Canada Memoir)
Ottawa, Ontario, Canada

Canadian Alpine Jour.

Canadian Alpine Journal
Banff, Alberta, Canada

Carnegie Inst. Washington News Serv. Bull., School Ed.

Carnegie Institution of Washington, News Service Bulletin, School Edition
Washington, D. C.

Compass

[The] Compass of Sigma Gamma Epsilon
Menasha, Wisconsin, or Lincoln, Nebraska; later Provo, Utah

Cushman Lab. Foram. Research Contr.

Contributions from the Cushman Laboratory for Foraminiferal Research. Predecessor
of Cushman Foundation for Foraminiferal Research
Sharon, Massachusetts; later Ithica, New York

Deutsche Geol. Gesell., Zeitschr., Band_, Monatsber.

Deutsche Geologische Gesellschaft, Zeitschrift, Band_, Monats-bericht. [German
Geological Society, Journal, Volume_, Monthly Report]
Berlin, Germany

Earth Sci. Digest

Earth Science Digest
Revere, Massachusetts

Ecol. Monographs

Ecological Monographs. Ecological Society of America
Durham, North Carolina

Ecology

Ecology. Ecological Society of America
Brooklyn or New York, New York

Econ. Geology

Economic Geology and the Bulletin of the Society of Economic Geologists.
Lancaster, Pennsylvania; later Urbana, Illinois, or Blacksburg, Virginia

Eng. Mining Jour. (-Press)

Engineering and Mining Journal (-Press)
New York, New York

Geog. Jour.

Geographical Journal
London, England

Geog. Rev.

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

Geog. Soc. Philadelphia Bull.

Bulletin of the Geographical Society of Philadelphia
Philadelphia, Pennsylvania

Geol. Soc. America Bull.

Geological Society of American Bulletin
New York, New York; later Boulder, Colorado

Geol. Soc. America Proc.

Geological Society of America Proceedings
New York, New York; later Boulder, Colorado

- Geol. Soc. America Spec. Paper
Geological Society of America Special Paper
New York, New York; later Boulder, Colorado
- Georgia Acad. Sci. Bull.
Georgia Academy of Science Bulletin
Atlanta, Georgia
- Illinois Acad. Sci., Trans.
Illinois Academy of Science, Transactions
Springfield, Illinois
- Internat. Assoc. Sci. Hydrology
International Association of Scientific Hydrology. Formerly Section of
Scientific Hydrology, International Union of Geodesy and Geophysics
Gentbrugge, Belgium
- Internat. Geol. Cong.
International Geological Congress
Various locations
- Isostatic Inst. Helsingfors, Internat. Assoc. Geodesy
Isostatic Institute of Helsingfors [Helsinki, Finland], International Association
of Geodesy. International Union of Geodesy and Geophysics
London, England
- Japanese Jour. Geology and Geography
Japanese Journal of Geology and Geography
Tokyo, Japan
- J. I. R. P. Rept.
Juneau Ice-Field Research Project, Report. American Geographical Society
New York, New York
- Jour. Geography
Journal of Geography
Menasha, Wisconsin, or elsewhere; later Chicago, Illinois
- Jour. Geology
Journal of Geology. University of Chicago Press
Chicago, Illinois
- Jour. Geomorphology
Journal of Geomorphology
New York, New York
- Jour. Paleontology
Journal of Paleontology
Chicago, Illinois, or Menasha, Wisconsin
- Jour. Sed. Petrology
Journal of Sedimentary Petrology. Society of Economic Paleontologists and
Mineralogists
Menasha, Wisconsin; later Tulsa, Oklahoma

- K. Akad. Wetensch. Amsterdam, Proc.
K[oninklijke] Akademie van Wetenschappen, Proceedings. [Royal Academy of
Sciences, Proceedings]
Amsterdam, Netherlands
- Lehigh Univ. Pubs. Ann. Abs.
Lehigh University Publications Annual Abstract
Bethlehem, Pennsylvania
- Meteor. Soc. Contr.
Meteoritical Society Contributions
Los Angeles, California
- Mil. Engineer
The Military Engineer
Washington, D. C.
- Mineralogist
The Mineralogist
Portland, Oregon
- Mining Metall.
Mining and Metallurgy. American Institute of Mining and Metallurgical Engineers
New York, New York
- Mining Sci. Press
Mining and Scientific Press
San Francisco, California
- Nat. History
Natural History. The Journal of the American Museum of Natural History
New York, New York
- Natl. Geog. Mag.
National Geographic Magazine. National Geographic Society
Washington, D. C.
- Nat. Geog. Soc., Contrib. Tech. Papers, Katmai Ser.
National Geographic Society, Contributed Technical Papers, Katmai Series
Washington, D. C.
- Natl. Research Council Bull.
National Research Council Bulletin
Washington, D. C.
- Natl. Research Council, Div. Geology and Geography, Ann. Rept.
National Research Council, Division of Geology and Geography, Annual Report
Washington, D. C.
- Nature
Nature. A weekly journal of science. Macmillan (Journals) Limited
London, England

Nautilus

The Nautilus. The Pilsbry quarterly devoted to the interests of conchologists.
American Malacological Union
Philadelphia, Pennsylvania; later Boston, Massachusetts, or Havertown,
Pennsylvania

New York Acad. Sci. Trans.

Transactions of the New York Academy of Sciences
New York, New York

Northwest Science

Northwest Science. Northwest Scientific Association
Cheney, Washington

Ohio Jour. Sci.

Ohio Journal of Science
Columbus, Ohio

Oil and Gas Jour.

Oil and Gas Journal. The oil investor's journal
Tulsa, Oklahoma, or St. Louis, Missouri

Oil Weekly

Oil Weekly (Absorbed by World Oil in 1947)
Houston, Texas

Pacific Mining News

Pacific Mining News, of the Engineering and Mining Journal-Press
San Francisco, California

Pan-Am. Geologist

Pan-American Geologist (Assumed the numbering system of American Geologist,
which was absorbed by Economic Geology in 1906)
Des Moines, Iowa

Pan-Pacific Sci. Conf., 1st, Proc., Bernice P. Bishop Mus., Spec. Pub.

Pan-Pacific Science Conference, First, Proceedings, Bernice P. Bishop Museum,
Special Publication (Later Pacific Scientific Congress)
Location uncertain

Pan-Pacific Sci. Cong.

Pan-Pacific Science Congress (See Pacific Scientific Congress)
Australia

Pacific Sci. Cong., Proc.

Pacific Scientific Congress, Proceedings
Honolulu, Hawaii; Wellington, New Zealand; or other location

Photogrammetric Eng.

Photogrammetric Engineering. American Society of Photogrammetry
Washington, D. C.

Przegląd Geograficzny

Przegląd Geograficzny. Polskie Towarzystwo Geograficzne. [Geographical Review.
Polish Geographical Society]
Warsaw, Poland

- Pop. Astronomy
Popular Astronomy
Northfield, Minnesota
- Rocks and Minerals
Rocks and Minerals
Peekskill, New York
- Royal Soc. Canada Proc.
Royal Society of Canada, Proceedings
Ottawa, Ontario, Canada
- Royal Soc. Canada Trans.
Royal Society of Canada, Transactions
Ottawa, Ontario, Canada
- Science
Science
New York, New York, or Lancaster, Pennsylvania; later Washington, D. C.
- Sci. Monthly
Scientific Monthly
New York, New York
- Seismol. Soc. America Bull.
Bulletin of the Seismological Society of America
Stanford, Berkeley, or San Francisco, California
- Smithsonian Inst., Ann. Rept.
Annual Report of the Board of Regents of the Smithsonian Institution
Washington, D. C.
- Smithsonian Inst. Explor. and Field Work 1936, Pub._
Smithsonian Institution Exploration and Field Work 1936, Publication_
Washington, D. C.
- Soc. Géol. France Compte Rendu
Société Géologique de France, Compte Rendu [Geological Society of France,
Report or Report of Proceedings]
Paris, France
- Soil Sci. Soc. America Proc.
Soil Science Society of America, Proceedings
Ann Arbor, Michigan, or Danville, Illinois
- Torrey Bot. Club Bull.
Torrey Botanical Club Bulletin
Lancaster, Pennsylvania, or Menasha, Wisconsin, or New York, New York
- Tulsa Geol. Soc. Digest
Tulsa Geological Society Digest
Tulsa, Oklahoma
- Univ. California, Dept. Geol. Sci., Bull.
University of California, Department of Geological Sciences, Bulletin
Berkeley, California

- U. S. Bur. Mines Bull.
United States Bureau of Mines Bulletin
Washington, D. C.
- 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 Investigation
Washington, D. C.
- U. S. Coast and Geodetic Survey Serial
United States Coast and Geodetic Survey Serial
Washington, D. C.
- U. S. Dept. Agriculture Tech. Bull.
United States Department of Agriculture, Technical Bulletin
Washington, D. C.
- U. S. Dept. Interior Press Memo
United States Department of the Interior, Press Memo
Washington, D. C.
- U. S. Geol. Survey, Alaskan Volcano Inv. Rept.
United States Geological Survey, Alaskan Volcano Investigations Report
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 Geophys. Inv. Prelim. Map
United States Geological Survey Geophysical Investigations Preliminary Map
Washington, D. C.
- U. S. Geol. Survey Oil and Gas Inv. Prelim. Map
United States Geological Survey Oil and Gas Investigations Preliminary Map
Washington, D. C.
- U. S. Geol. Survey Prof. Paper
United States Geological Survey Professional Paper
Washington, D. C.
- U. S. Natl. Museum Bull.
United States National Museum, Bulletin
Washington, D. C.
- U. S. Natl. Museum Proc.
United States National Museum, Proceedings
Washington, D. C.

Virginia Acad. Sci. Proc.
Virginia Academy of Sciences Proceedings
Charlottesville, Virginia

Volcano Letter
The Volcano Letter
Hawaii National Park or Honolulu, Hawaii

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

Washington Univ. Studies,...Sci. and Technology
Washington University Studies,...Science and Technology
St. Louis, Missouri

Western Miner
Western Miner
Vancouver, British Columbia

Zeitschr. Vulkanologie, Band_, Heft_
Zeitschrift für Vulkanologie, Band_, Heft_ [Journal of Volcanology, volume_,
number_]
Berlin, Germany

OTHER PUBLISHING MEDIA

Alaska Planning Council
Alaska Planning Council
Location uncertain

Alaska Univ. Pub.
University of Alaska Publication
College, Alaska

Bibliothèque Géographique, Payot, Paris
Bibliothèque Géographique. Les Éditions Payot-Paris [Geographic Library,
Payot-Paris Publications]
Paris, France

Christopher Publishing House, Boston
Christopher Publishing House
Boston, Massachusetts

Edward Bros., Wichita, Kansas
Edward Brothers
Wichita, Kansas

Festschrift Victor Goldschmidt
Festschrift Victor Goldschmidt. Carl Winters Universitätsbuchhandlung
[Festive Publication Honoring Victor Goldschmidt. Carl Winters, University
Publishing Company]
Heidelberg, Germany

Internat. Conf. Soil Mechanics and Found. Eng.
International Conference on Soil Mechanics and Foundation Engineering
Location uncertain

J. B. Lippincott Co.
J. B. Lippincott Company
Philadelphia, Pennsylvania; New York, New York

John Day Co., N. Y.
John Day Company
New York, New York

Paradise of the Pacific, Ltd.
Paradise of the Pacific, Limited
Honolulu, Hawaii

Primer Congreso Panamericano de Ingeniería de Minas y Geología Anales
Primer Congreso Panamericano de Ingeniería de Minas y Geología Anales, tomo_,
Geología [First Pan-American Congress of Mining Engineering and Geology,
Annals, volume_, Geology]
Location uncertain

Princeton Univ. Press
Princeton University Press
Princeton, New Jersey

Stanford Research Institute
Stanford Research Institute
Stanford, California

U. S. Congress
United States Congress
Washington, D. C.

U. S. Nat. Res. Comm.
United States Natural Resources Commission
Washington, D. C.

War Dept., Corps of Engineers, U. S. Army
War Department, Corps of Engineers, United States Army
Washington, D. C.

W. W. Norton and Co.
W. W. Norton and Company
New York, New York

MISCELLANEOUS ABBREVIATIONS

abs.	- abstract(s)	Mtg.	- Meeting
adv.	- advertisement(s)	no(s).	- number(s)
Ann.	- Annual	p.	- page(s)
App.	- Appendix	physiog.	- physiographic
approx.	- approximately	pl(s).	- plate(s)
art.	- article	pt.	- part
Comm.	- Committee or Commission	Pub.	- Publication
Div.	- Division	recon.	- reconnaissance
ed.	- editor or edition	Rept.	- Report
fig(s).	- figure(s)	sci.	- science or scientific
geog.	- geography or geographic	sec.	- section
geol.	- geology or geologic	ser.	- series
illus.	- illustration(s)	Sess.	- Session
incl.	- include(s) or including	Supp.	- Supplement(s)
Internat.	- International	topog.	- topographic
Jr.	- Junior	v.	- volume

Introductory page numbers - i, ii, iii, iv, v, vi, vii, viii, ix, x ... etcetera

Months

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

Ordinal numbers

1st - first
2nd - second
3rd - third
4th - fourth
etcetera

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

Adkins, J. N., 1940, The Alaskan earthquake of July 22, 1937: Seismol. Soc. America Bull., v. 30, no. 4, p. 353-376, illus. incl. index map, Oct.

Alaska Planning Council, 1940, Preliminary economic survey of the Seward Peninsula area [Alaska]: [Juneau?] Alaska Planning Council, viii, 109 p., illus. incl. index and geol. maps, Dec.

Aldredge, L. R.; Keller, Fred, Jr., 1949, Preliminary report on magnetic anomalies between Adak, Alaska, and Kwajalein, Marshall Islands: Am. Geophys. Union Trans., v. 30, no. 4, p. 494-500, illus. incl. index maps, Aug.

Allen, E. T.; Zies, E. G., 1923, A chemical study of the fumaroles of the Katmai region: Natl. Geog. Soc., Contrib. Tech. Papers, Katmai Ser., no. 2, p. 75-155, illus.

Anderson, Eskil, 1944, Mineral occurrences other than gold deposits in northwestern Alaska: Alaska Dept. Mines Pamph., no. 5-R, 48 p., index map, May (revised Mar. 1947)

Anderson, Eskil, 1945, Asbestos and jade occurrences in the Kobuk River region, Alaska: Alaska Dept. Mines Pamph., no. 3-R, 26 p., illus. incl. index and geol. sketch maps, May (revised to Dec. 1945)

Anonymous, 1919, Mining copper at Kennecott, Alaska: Mining Sci. Press, v. 118, p. 53-56, 3 figs., Jan.

Anonymous, 1937, Plant fossils in the making: Science, new ser., v. 85, no. 2206, Supp., p. 10, Apr.

Anonymous, 1942, Iron ore deposits on the Kasaan Peninsula, Alaska: Rocks and Minerals, v. 17, no. 5, p. 168-169, May

Anonymous, 1944a, Aleutian volcano [Mt. Cleveland, Alaska] erupts, kills soldier: Rocks and Minerals, v. 19, no. 8, p. 245, Aug.

Anonymous, 1944b, Exploration of Arctic [oil] seepage areas [Alaska] urged: Oil Weekly, v. 115, no. 7, p. 56, Oct.

Anonymous, 1944c, Gem quality chalcocite and covellite found in Alaska: Rocks and Minerals, v. 19, no. 11, p. 352, Nov.

Anonymous, 1945a, Bismuthinite occurrence in Alaska: Rocks and Minerals, v. 20, no. 3, p. 115, Mar.

Anonymous, 1945b, Hulsite from Brooks Mtn., Alaska: Rocks and Minerals, v. 20, no. 3, p. 115, Mar.

Anonymous, 1945c, Jade Mountain, Alaska: Rocks and Minerals, v. 20, no. 1, p. 12, Jan.

Anonymous, 1945d, Stannite found in Alaska: Rocks and Minerals, v. 20, no. 4, p. 159, Apr.

Anonymous, 1945e, Tin deposits discovered in Alaska: Eng. Mining Jour., v. 146, no. 4, p. 110, Apr.

Anonymous, 1945f, Tin in Alaska: Rocks and Minerals, v. 20, no. 4, p. 169, Apr.

Anonymous, 1947, Alaskaitite and alaskite: Rocks and Minerals, v. 22, no. 10, p. 911, Oct.

Anonymous, 1949, Aleutian volcano erupts [Akutan Volcano]: Earth Sci. Digest, v. 3, no. 11, p. 13, June

Anthony, H. E., 1949, Nature's deep freeze: Nat. History, v. 58, no. 7, p. 296-301, illus., Sept.

Apell, G. A., 1944, Moose Creek district of Matanuska coal fields, Alaska: U. S. Bur. Mines Rept. Inv. 3784, 36 p., illus., incl. index and geol. maps, Dec.

Barnes, F. F., 1943, Geology of the Portage Pass area, Alaska: U. S. Geol. Survey Bull. 926-D, iv, p. 211-235, illus., incl. index and geol. maps

Barnes, F. F., 1949, Coal investigations on the southern margin of the Homer district, Kenai coal field, Alaska, in 1947-48: U. S. Geol. Survey [Mineral deposits of Alaska, short preliminary reports], 12 p., illus., incl. index and geol. maps, Dec.

Barnes, F. F.; Byers, F. M., Jr., 1945, Geology and coal resources of the eastern part of the lower Matanuska valley coal field, Alaska: U. S. Geol. Survey, 21 p., illus., incl. index and geol. maps [1944?]

Barnes, L. C., 1946, Permafrost, a challenge to engineers: Mil. Engineer, v. 38, no. 243, p. 9-11, illus., Jan.

Bassler, R. S., 1937, The Paleozoic rugose coral family Paleocyclidae: Jour. Paleontology, v. 11, no. 3, p. 189-201, 3 pls., Apr.

Bateman, A. M., 1920, Geology of the ore deposits of Kennecott, Alaska [abs.]: Geol. Soc. America Bull., v. 31, no. 1, p. 157-158, Mar.

Bateman, A. M., 1921, Notes on the Kennecott Glacier, Alaska [abs., with discussion by R. T. Chamberlin and A. O. Hayes]: Geol. Soc. America Bull., v. 32, no. 1, p. 52-53, Mar.

Bateman, A. M., 1922, Kennecott Glacier of Alaska: Geol. Soc. America Bull., v. 33, no. 3, p. 527-539, 7 figs., Sept.

Bateman, A. M., 1924, Geology of the Beatson copper mine, Alaska: Econ. Geology, v. 19, no. 4, p. 338-368, 3 figs., June-July

Bateman, A. M., 1930, [Results from geophysical surveys], Kennecott mines, Alaska: Am. Inst. Mining Metall. Engineers Tech. Pub. 369, p. 7-11, Oct.

Bateman, A. M., 1932, Notes on a Kennecott type of copper deposit, Glacier Creek, Alaska: Econ. Geology, v. 27, no. 3, p. 297-306, 1 fig., May

Bateman, A. M., 1942a, The Beatson mine, Alaska, in Newhouse, W. H., ed., Ore deposits as related to structural features: Princeton Univ. Press, p. 147

Bateman, A. M., 1942b, The ore deposits of Kennecott, Alaska, in Newhouse, W. H., ed., Ore deposits as related to structural features: Princeton Univ. Press, p. 188-193, illus., incl. geol. map

Bateman, A. M.; McLaughlin, D. H., 1920, Geology of the ore deposits of Kennecott, Alaska: Econ. Geology, v. 15, no. 1, p. 1-80, 12 figs., 6 pls., Jan.-Feb.

Berry, E. W., 1932, A new *Drepanolepsis* from Alaska: Washington Acad. Sci. Jour., v. 22, no. 8, p. 217-220, 1 fig., Apr.

Birch, Stephen, 1924a, Geology and mining methods of Beatson mine [Prince William Sound district, Alaska]: Am. Inst. Mining Metall. Engineers Trans., [preprint] no. 1288, 7 p., 4 figs., Jan.; v. 72, p. 147-153, 4 figs., 1925; abs., Mining Metall., v. 5, no. 205, p. 30-31, Jan.

Birch, Stephen, 1924b, Geology and mining methods of Kennecott mines [Chitina district, Alaska]: Am. Inst. Mining Metall. Engineers Trans., [preprint] no. 1287, 12 p., 2 figs., Jan.; v. 72, p. 499-511, 2 figs., 1925; abs., Mining Metall., v. 5, p. 29-30, Jan. 1924

Bjorklund, S. C.; Wright, W. S., 1948, Investigation of Knik valley chromite deposits, Palmer, Alaska: U. S. Bur. Mines Rept. Inv. 4356, 5 p., illus., incl. index and geol. sketch maps, Oct.

Black, R. F.; Barksdale, W. L., 1949, Oriented lakes of northern Alaska: Jour. Geology, v. 57, no. 2, p. 105-118, illus., Mar.; correction, no. 4, p. 446, July; abs., Washington Acad. Sci. Jour., v. 39, no. 3, p. 107-108, Mar.

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Mineral possibilities on continental shelves: Wrather (1946)

Mines report, gold, silver, copper, lead: Brooks (1922b); Brooks and Capps (1925); Brooks and Martin (1921b); Martin (1919b)

Mining: Brooks (1921b, 1921c, 1922c, 1922d); Brooks and Capps (1923); Brooks and Martin (1921c); Martin (1919d, 1919e)

ECONOMIC GEOLOGY - Continued

General Alaska - Continued

Ore deposits, relation to structure: Newhouse (1942)Peat resources: Dachnowski-Stokes (1941)

Petroleum and natural gas

Developments: Smith (1926c); Weeks and others (1947)Fields: George (1922); VerWiebe (1949)"Mother rocks", microthermal studies: Stadnichenko (1929)

Possibilities

Continental shelves: Wrather (1946)Jurassic strata: Kellum (1945)Recent investigations: Reed (1946b)Preliminary report: Martin (1921b)Provinces, possible: Smith (1941d)Resources: Smith (1937b, 1945)Summary: Martin (1924b)Prospecting: Stewart (1944)Tungsten deposits: Thorne and others (1948)War minerals investigations: Reed (1944)

Interior Alaska

Coal

Healy River valley: Wahrhaftig and Freedman (1945)

Nenana field

Diamond, Suntrana and Usibelli mines: Toenges and Jolley (1949)General: Martin (1919f)Healy Creek, exploration: Marstrander and others (1946)Jarvis Creek area: Toenges and Jolley (1949)

General

Circle district, mining: Mertie (1931b)Eagle-Circle district, Tertiary deposits: Mertie (1942)

Fairbanks district

Lode deposits: Hill (1933)Mining: Chapin (1919c)Muck-silt deposits: Tuck (1939, 1940)Fortymile district, mining: Mertie (1930b)Gerstle River district: Moffit (1942)Hot Springs district, mining: Chapin (1919d)

Railroad belt

Non-metalliferous deposits: Waring (1947)Recent investigations: Waring (1932)

Rampart and Hot Springs districts

Mineral deposits: Mertie (1934)Placer concentrates: Waters (1934)Slana-Tok district: Moffit (1938b)Strategic minerals, interior Alaska and vicinity: Joesting (1943)Tatlanika and Totatlanika basins, mining developments: Moffit (1932a)Tolovana district, placer mining, gold, silver, copper, lead: Overbeck (1920)Yukon and Kuskokwim regions, metalliferous lodes: Mertie (1922)Yukon-Tanana region: Mertie (1937d)

Mineral deposits

Copper, Tanana and Copper Rivers, upper: Moffit (1936)

Gold

Circle district, mining: Mertie (1931b)Eagle-Circle district, placers: Mertie (1930a)Fairbanks district, lode: Camp (1945)

ECONOMIC GEOLOGY - Continued

Interior Alaska - Continued

Mineral deposits - Continued

Gold - Continued

Fortymile, Eagle and Circle districts, placers: Mertie (1938a)Rampart and Hot Springs districts, placer concentrates: Waters (1934)

Tin, Fort Gibson district

Morelock Creek placers: Thomas and Wright (1948a)Tozimoran Creek placers: Thomas and Wright (1948b)Mineral investigations or resources, railroad belt: Capps (1924b, 1933b, 1940)Muck-silt deposits, Fairbanks area: Tuck (1939, 1940)Petroleum and natural gas, Nenana coal field, petroleum seepage, supposed
[probable coal tar]: Martin (1922a, 1922b)Strategic minerals, interior Alaska and vicinity: Joesting (1943)

South-central Alaska

Coal

Chulitna district, Costello Creek area, Dunkle mine: Rutledge (1948b)Kenai field, Homer district: Barnes (1949); Toenges and Jolley (1949)

Matanuska field, lower Matanuska valley

Anthracite Ridge district: Richards and Waring (1933); Waring (1936)Eastern part, resources and geology: Barnes and Byers (1945); Tuck and others (1945)Eskia Creek area, Evan Jones mine and Wishbone Hill: Toenges and Jolley
(1949)Eskia Creek deposits: Tuck (1937a)General: Tuck (1937b)Geologic problems: Martin (1919a)Mining developments: Chapin (1920c, 1921b)Moose Creek district: Apell (1944); Waring (1934)Stratigraphic and structural features: Payne (1945)Western part, resources and geology: Payne and Hopkins (1945)Mount McKinley area: Toenges and Jolley (1949)

Nenana field

General: Martin (1919f)Healy Creek, exploration: Marstrander and others (1946)

General

Alaska Range, southern, including Mount Spurr and Lake Clark areas: Capps
(1935)Chitina valley: Moffit (1921b, 1923, 1938a)Chulitna River, west fork: Ross (1933a)

Copper river region

Mineral developments, recent: Moffit (1937)Northern, mining: Moffit (1944)Tonsina district: Moffit (1935b)Upper, Suslota Pass district: Moffit (1933)Gerstle River district: Moffit (1942)Girdwood district: Park (1933)Kantishna district or region: Haney (1921); Moffit (1932b)

Kenai Peninsula

Central and northern, mining: Johnson (1919b)Moose Pass-Hope area: Tuck (1933)Kotsina-Kuskulana district: Moffit and Mertie (1923)Nutzotin Mountains: Moffit (1943)

ECONOMIC GEOLOGY - Continued

South-central Alaska - Continued

General - Continued

Prince William Sound

Jack Bay district and vicinity, mineral resources: Johnson (1919a)

Mining: Johnson (1919c)

Railroad belt

Nonmetalliferous deposits: Waring (1947)

Recent investigations: Waring (1932)

Slana-Tok district: Moffit (1938b)

Valdez Creek mining district: Ross (1933b); Tuck (1938b)

Mineral deposits

Antimony, Kantishna district, Stampede Creek area: White (1942)

Chromite

Kenai Peninsula, Red Mountain and other deposits: Gill (1919, 1922);

Guild (1942); Mertie (1919a)

Knik valley deposits, Palmer area: Bjorklund and Wright (1948)

Copper

Beatson mine, Latouche Island: Bateman (1924, 1942a); Birch (1924a)

Copper River region

Spirit Mountain, nickel-copper prospect: Kingston and Miller (1945)

Upper, and upper Tanana River: Moffit (1936)

Kennecott mine or deposits

Colloidal origin of ore minerals: Lasky (1930)

General, including geology, ore deposits, geophysical surveys and mining data: Anonymous (1919); Bateman (1920, 1930, 1942b);

Bateman and McLaughlin (1920); Birch (1924b)

Geophysical surveying: Bateman (1930)

Mining methods and geology: Birch (1924b)

Kennecott-type deposit, Glacier Creek: Bateman (1932)

Kotsina-Kuskulana district: Van Alstine and Black (1946)

Nizina district: Miller, D. J. (1946)

Prince William Sound

General: Moffit (1925)

Knight Island, Rua Cove, Copper Bullion claims: Stefánsson and Moxham (1946)

Slana district, argentiferous lead-copper deposits, exploration: Thorne (1946)

Gold

Chistochina River, auriferous gravels, platinum-bearing: Chapin (1919e)

Kahiltna valley, platinum-bearing gold placers: Mertie (1919b)

Kantishna district, Eureka and vicinity, lode deposits: Wells (1933)

Nabesna area: Wayland (1943)

Willow Creek district, north of Anchorage

General: Capps (1925b)

Independence mine: Stoll (1944)

Lode deposits: Ray (1932, 1933)

Lode mining: Capps (1919a); Chapin (1920a, 1920b, 1921a)

Yentna district, early Tertiary placer: Capps (1924a, 1925a)

Lead

Mount McKinley Park, Mount Eielson deposit, zinc-lead: Muir, Thomas and Sanford (1947); Reed (1933)

Slana district, lead-copper deposits, argentiferous: Thorne (1946)

Molybdenite

Healy River, lode: Chapin (1919a)

ECONOMIC GEOLOGY - Continued

South-central Alaska - Continued

Mineral deposits - Continued

Nickel

Copper River region, Spirit Mountain, nickel-copper prospect: Kingston and Miller (1945); Pierce (1946)

Platinum

Chistochina River, auriferous gravels: Chapin (1919e)

Kahiltna River valley, gold placers: Mertie (1919b)

Silver

Susitna basin, upper: Capps and Short (1926)

Zinc

Mount McKinley Park, Mount Eielson deposit, zinc-lead: Muir, Thomas and Sanford (1947); Reed (1933)

Mineral resources, general, or mineral investigations

Chulitna region, upper: Capps (1919b)

Kamishak Bay region: Mather (1925)

Kantishna region: Capps (1919d)

Nelchina-Susitna region: Chapin (1918a)

Railroad belt: Capps (1924b, 1933b, 1940)

Talkeetna Mountains, western: Capps (1919c)

Petroleum and natural gas

Anchorage area, petroleum seepage: Brooks (1922a)

Controller Bay (Katalla) and Yakataga fields: Martin (1921b)

Cook Inlet area or region

General: Martin (1921b)

Iniskin Bay district: Moffit (1922)

Iniskin-Chinitna Peninsula, northern part, possibilities: Kellum and Wedow (1946)

Iniskin Peninsula: Kirschner and Minard (1948)

Katalla area, possibilities: Miller, Rossman and Hickcox (1945)

Nenana coal field, petroleum seepage, supposed [probable coal tar]: Martin (1922a, 1922b)

"Southwestern" Alaska, general possibilities, exploration and evaluation: Kellum (1947)

Southeastern Alaska

Mineral deposits

Chromite

Baranof Island, Red Bluff Bay and vicinity: Guild and Balsley (1942)

Copper

Admiralty Island, Funter Bay, nickel-copper-cobalt deposit: Holt and Moss (1946); Reed (1942)

Baranof Island, Snipe Bay, nickel-copper deposit: Reed and Gates (1942)

Chichagof Island, west coast, nickel-copper deposits: Overbeck (1919a); Pecora (1942)

Prince of Wales Island

Kasaan Peninsula, Salt Chuck mine, palladium-copper: Holt and others (1948); Mertie (1920)

Khayyam and Stumbelon properties, copper-sulfur: Fosse (1946)

Yakobi Island, Bohemia Basin, nickel-copper deposits, magnetic exploration: Walton and Kennedy (1945)

General

Chichagof, Kuiu and Prince of Wales Islands: Twenhofel, Reed and Gates (1949)

Chichagof mining district: Reed (1939b); Reed and Coats (1942)

ECONOMIC GEOLOGY - Continued

Southeastern Alaska - Continued

Mineral deposits - Continued

General - Continued

Geology and mineral deposits: Buddington and Chapin (1929)
 Geology and mineralogy: Shaw (1946b)
 Glacier Bay and vicinity, mineral deposits: Reed (1938)
 Hyder area or district: Buddington (1929); Jewell (1927)
 Juneau and Ketchikan districts, lode mining, gold, silver, copper, lead:
 Mertie (1921a)
 Ketchikan district, mining developments: Chapin (1919b)
 Magmatic sulfide ore, Chichagof Island: Kerr (1924)
 Mineral investigations: Buddington (1925, 1926a)
 Mineralization, variation of types, relation to Coast Range intrusive
 rocks: Buddington (1927c)
 Portland Canal region, Salmon River district: Westgate (1921)
 Salmon River area: Buddington (1927d)
 Salmon-Unuk River region: Mertie (1921b)
 Ultrabasic rocks, associated mineral deposits: Kennedy and Walton (1946a)
 Wrangell district: Buddington (1922)

Gold

Alaska Juneau mine

Geology of the ore zones: Wernecke (1932)
 Ore reserves, mining methods: Bradley (1924)
 Chichagof Island, west coast: Overbeck (1919a)
 Cleveland Peninsula: Shaw (1946a)
 Juneau and Ketchikan districts: Mertie (1921a)
 Porcupine district, placers: Eakin (1919)

Iron, Prince of Wales Island

Jumbo Basin, exploration: Wright and Fosse (1946)
 Kasaan Peninsula, including Tolstoi Mountain, Poor Man, and Mount Andrew
 deposits: Anonymous (1942); Erickson (1948); Holt and Sanford
 (1946); Warner and Goddard (1946); Wright and Tolonen (1947)

Molybdenite

General: Twenhofel, Robinson and Gault (1946)
 Prince of Wales [or Kosciuszko] Island, Shakan Bay deposit, Alaska Treadwell
 Mining Company: Buddington (1930); Hess (1924); Mertie (1921a)
 Robinson (1945)
 Wrangell district, Groundhog Basin: Gault (1947)

Nickel

Admiralty Island, Funter Bay deposit, nickel-copper-cobalt: Holt and Moss
 (1946); Reed (1942)
 Baranof Island, Snipe Bay, nickel-copper deposit: Reed and Gates (1942)
 Yakobi, Chichagof and Baranof Islands: Kennedy and Walton (1946b)
 Yakobi Island
 Bohemia Basin and vicinity, nickel-copper deposits: Reed and Dorr (1942)
 Walton and Kennedy (1945)
 Sitka mining district, nickel deposit: East and others (1948)

Palladium

Identification, contact-print technique: Gault and Dellwig (1948)
 Prince of Wales Island, Salt Chuck palladium-copper mine: Campbell (1919);
 Mertie (1920)

Tungsten

Hyder district, Mountain View deposit, exploration: Erickson (1946)

ECONOMIC GEOLOGY - Continued

Southeastern Alaska - Continued

Mineral deposits - Continued

Zinc

Wrangell district, Groundhog Basin: Gault (1944)

Mineral deposits or resources, non-metallic

Gypsum, Iyoukeen Cove, Chichagof Island: Stewart (1931)

Limestone, high-calcium: Roehm (1946)

Marble: Burchard (1920)

Paligorskite, Lemesurier Island, possible asbestos substitute: Fisher, Thorne and Van Cott (1945)

Southwestern Alaska

Mineral deposits

Gold

Kodiak Island, west coast, beach placers: Maddren (1919b)

Sulfur

Unalaska Island, Akun Island, and Stepovak Bay region: Maddren (1919a)

Zinc

Sedanka Island, exploration: Webber, Moss and Rutledge (1946)

Petroleum and natural gas

Alaska Peninsula

Chignik region, possibilities: Martin (1925)

Cold Bay field or district: Martin (1921b); Palmer (1922); Smith, W. R. (1926)

Wide Bay anticline, southwestern part, possibilities: Kellum, Daviess and Swinney (1945)

General possibilities, exploration and evaluation: Kellum (1947)

Western Alaska

General

Kaiyuh Hills: Mertie (1937c)

Northwestern Alaska

Mineral deposits other than gold: Anderson (1944)

Mining: Cathcart (1920)

Ruby-Kuskokwim region: Mertie and Harrington (1924)

Seward Peninsula

Mining: Harrington (1921b)

Regional economic survey: Alaska Planning Council (1940)

Southern, metalliferous lodes: Cathcart (1922)

Yukon and Kuskokwim regions, metalliferous deposits: Mertie (1922)

Mineral deposits

Copper

Seward Peninsula, Ward deposit: Wright (1947)

General

Ruby-Kuskokwim region: Mertie (1936)

Seward Peninsula: Alaska Planning Council (1940)

Gold

Anvik-Andreafski region, including Marshall district: Harrington (1918)

Kiwalik-Koyuk region, gold and platinum placers: Harrington (1919b)

Kuskokwim region, upper, including Nixon Fork district, lode gold: Martin (1921a)

Ruby-Kuskokwim region: Mertie and Harrington (1924)

Seward Peninsula

Mining: Harrington (1921b)

Region: Alaska Planning Council (1940)

Tolstoi district, gold and platinum placers: Harrington (1919c)

ECONOMIC GEOLOGY - Continued

Western Alaska - Continued

Mineral deposits - Continued

Graphite

Seward Peninsula, mining: Harrington (1919a)

Mercury

Kuskokwim region, Bethel district, Rainy Creek prospect: Rutledge (1948a)
 "Southwestern" Alaska: Cady, Wallace and Webber (1944); Webber and others (1947)

Platinum

Goodnews Bay district, placers: Mertie (1937b, 1939b, 1940b)

Kiwalik-Koyuk region, gold and platinum: Harrington (1919b)

Tolstoi district, gold and platinum: Harrington (1919c)

Silver-lead

Ruby district, prospects: Brown (1926a)

Seward Peninsula, Fairhaven district: Levensaler (1921)

Tin

Ruby district: Chapin (1919f)

Seward Peninsula

Cape Mountain lode deposits: Heide, Wright and Sanford (1946)

Lost River district: Anonymous (1945e, 1945f); Fearing (1920); Heide (1946)

Mining: Harrington (1919d)

York deposits: Steidtmann and Cathcart (1922)

Mineral resources

Goodnews Bay region: Harrington (1921a)

ENGINEERING GEOLOGY

General Alaska

Alaska Highway, progress report: Howell (1944)

Permafrost

Challenge to engineers: Barnes (1946)

Research area: Jaillite (1947)

GENERAL SUBJECTS

Arctic Alaska

Aerial photographs, interpretation: Wengerd (1947)

Geologic investigations

Northern Alaska: Smith (1927a)

Northwestern Alaska: Smith (1929b); Smith, Mertie and Foran (1926)

General Alaska

Aerial photography: Smith (1935)

Age of Earth: Chamberlin (1922)

Archaeology or archeology

Artifacts, Alaska Highway route: Johnson (1946)

Early man, Quaternary: Hibben (1943); MacCurdy (1937)

Mima Mounds, glacial origin: Péwé (1948a)

Paleo-Indians: Hibben (1941)

Fields for future studies: Smith (1926a)

Geological survey: Brooks (1921d); Reed (1949a, 1949b); Smith (1933d, 1935, 1940a)

Lexicon of geologic names: Wilmarth (1938)

Microthermal studies, petroleum-bearing rocks: Stadnichenko (1929)

GENERAL SUBJECTS - Continued

General Alaska - Continued

Permafrost

Aerial photographs, correlation between permafrost and soils: Woods, Hittle and Frost (1948)

Challenge to engineers: Barnes (1946)

Dunbar area, investigations, preliminary report: Péwé (1949)

Fairbanks area, investigations, preliminary report: Péwé (1948b)

Frozen ground, origin and history: Taber (1936, 1943)

Ground-ice mounds in tundra: Sharp (1942)

Permafrost in Alaska: Wallace (1947)

Research area: Jaillite (1947)

Yukon River valley, lower, relation to geomorphology: Péwé (1947)

Polar wandering and glaciation: Richarz (1922)

Tree and névé lines, Canadian and Alaskan Cordillera: Romer (1929b)

Interior Alaska

Fairbanks area, people and environment: Wilkerson (1933)

Western Alaska

Connection of Siberia and northwestern Alaska, geographic and geologic evidence: Smith (1933a)

Relations between northwestern America and northeastern Asia: Smith (1937a)

GEOMORPHOLOGY [OR PHYSIOGRAPHY]

Arctic Alaska

Canning River region: Leffingwell (1919)

Coastal plain, aerial photo interpretation: Cabot (1947)

Koyukuk valley, northern, reconnaissance: Marshall (1934)

Oriented lakes, origin: Black and Barksdale (1949)

Porcupine valley, reconnaissance: Fitzgerald (1944)

General Alaska

Advancing glaciers: Washburn (1934)

Aerial exploration of great glaciers: Washburn (1941)

Ancient marine beaches or shorelines: Bruet (1942)

Asymmetrical topography resulting from alpine glaciation: Tuck (1935)

Geological features: Mertie (1939a)

Glacial studies, southern Alaska: Cooper and Field (1936)

Glaciers

Coastal

Aerial survey, 1947: Miller (1948, 1949a)

Observations, 1935: Field (1937)

Gazetteer: Field (1941)

Positions, 1931: Wentworth and Ray (1934)

Recession, preliminary report: Wentworth and Ray (1932)

Studies, 1941 and 1931, respectively: Field (1942); Wentworth and Ray (1936)

Variations, 1933-1938: Matthes (1948)

Glaciation

In Alaska: Capps (1931a)

Tertiary, and polar wandering: Richarz (1922)

Ground-ice mounds in tundra: Sharp (1942)

Gulf of Alaska, submarine mountains: Murray (1941)

Ice caps, distribution: Hawley (1938)

Mima Mounds, glacial origin: Péwé (1948a)

GEOMORPHOLOGY [OR PHYSIOGRAPHY] - Continued

South-central Alaska - Continued

Slana-Tok district: Moffit (1938b)

Tetling River district, upper: Moffit (1941)

Valdez area, Fort Liscum landslide, glacial launching: Johnson (1935)

Valdez Creek mining district: Tuck (1938b)

Southeastern Alaska

Benchies, marine, abandoned: Buddington (1927a)

Canadian Cordillera, physiography: Bostock (1948)

Chichagof mining district: Reed and Coats (1942)

Coast Range, Quaternary glaciation: Kerr (1936b)

Glacier Bay region

Expedition of 1931: Wright (1932)

General, glacier variations: Cooper (1937)

Muir Inlet, glacier recession: Field (1947)

Physiography: Romer (1929a)

Lituya Bay and Mount Crillon, Harvard-Dartmouth expeditions: Washburn (1936)

Lynn Canal, ice-eroded fiord: Martin and Williams (1924)

McCarty Glacier, recent retreat: Whitney (1932)

Mendenhall Glacier area, podzol profile formation: Chandler (1943)

Prince of Wales Island, Jumbo Basin iron deposit: Wright and Fosse (1946)

South Crillon Glacier, movement: Washburn and Goldthwait (1937)

Taku district, Talsekwe River, extraordinary floods: Kerr (1936a)

Taku Glacier, seismic measurements: Poulter, Allen and Miller (1949)

Southwestern Alaska

Alaska Peninsula

Aniakchak and Veniaminof craters: Hubbard (1931); Knappen (1929)

Aniakchak crater: Smith, W. R. (1925a)

Katmai region

General: Fenner (1920b)

Mount Katmai and Mount Mageik: Fenner (1930)

Aleutian Islands

Adak Island and Aleutian chain: Bradley (1948)

Adak Island

Late-glacial and post-glacial chronology: Judson (1946)

Northern: Coats (1947a)

Great Sitkin Island: Simons and Mathewson (1947)

Island necklace of the north: Freiday (1945)

Pavlof volcano and vicinity: Kennedy and Waldron (1947)

Umnak Island: Byers and others (1947)

Aleutian trench, profiles and relief: Murray (1945, 1946)

Kodiak and adjacent islands: Capps (1937a, 1937b)

Western Alaska

Bering or Siberian-Alaskan land bridge: Smith (1933a, 1937a)

Kaiyuh Hills: Mertie (1937c)

Nushagak district

General: Mertie (1938b)

Glacial features: Mertie (1937a)

Ruby-Kuskokwim region: Mertie (1936)

Seward Peninsula

Imuruk Lake area, thaw lakes and thaw sinks: Hopkins (1949)

Nome area, buried beaches, Pliocene and Pleistocene: MacNeil, Mertie and Pilsbry (1943)

GEOMORPHOLOGY [OR PHYSIOGRAPHY] - Continued

General Alaska - Continued

Permafrost

- Challenge to engineers: Barnes (1946)
- In Alaska: Wallace (1947)
- Origin and history: Taber (1943)
- Research area: Jaillite (1947)
- Physical features, large: Smith (1940b)
- Pitting on farm lands, new erosion problem: Rockie (1942)
- Post-Tertiary changes of climatic significance: Smith (1927c)
- Quaternary history: Sachs or Saks (1937)
- Regional: Bruet (1945)
- Shapes of glacial and ice-jam cobbles: Wentworth (1936)
- Tree and névé (snow) lines, Canadian and Alaskan Cordillera: Romer (1929b);
Wasowicz (1929)
- Valley glaciers and valley glaciation, minor features; Ray (1934)

Interior Alaska

- Cave-in lakes, Nabesna, Chisana, and Tanana River valleys: Wallace (1948)
- Fairbanks area
 - Muck-silt deposits, origin: Tuck (1939, 1940)
 - Permafrost investigations, preliminary report: Péwé (1948b)
- Fortymile, Eagle and Circle districts, gold placers: Mertie (1938a)
- Gerstle River district: Moffit (1942)
- Jumbo Dome, frost-moved rubble: Wahrhaftig (1949)
- Railroad belt: Capps (1940)
- Slana-Tok district: Moffit (1938b)
- Tolovana and Hess River basins, repeated stream piracy: Mertie (1919c)
- Yukon-Tanana region: Mertie (1937d)

South-central Alaska

- Alaska Range, part, physiographic history, preliminary report: Wahrhaftig (1946)
- Black Rapids Glacier, recent advance: Hance (1937)
- Cave-in lakes, Nabesna, Chisana, and Tanana River valleys: Wallace (1948)
- Chitina valley and vicinity: Moffit (1938a)
- Copper River basin or region
 - Northern, mining: Moffit (1944)
 - Spirit Mountain area: Pierce (1946)
 - Tonsina district: Moffit (1935b)
- Curry district: Tuck (1934)
- Gerstle River district: Moffit (1942)
- Matanuska coal field, lower Matanuska valley
 - Anthracite Ridge district: Waring (1936)
 - Eska Creek area: Tuck (1937a)
 - Moose Creek district: Apell (1944)
- Matanuska valley
 - General: Shearer (1936)
 - Loess: Tuck (1938a)
 - Surface features: Martin (1942)
- Nelchina-Susitna region: Chapin (1918a)
- Nutzotin Mountains: Moffit (1943)
- Portage Pass area, southeast of Anchorage: Barnes (1943)
- Prince William Sound
 - General, mountains and glaciers: Field (1932b)
 - Northern part, glaciers: Field (1932a)
- Railroad belt: Capps (1940)

GEOMORPHOLOGY [OR PHYSIOGRAPHY] - Continued

Western Alaska - Continued

Yukon valley, lower

Channel shifting: Eardley (1938b); Lowenstein (1938)General, topographic features: Eardley (1938a)Permafrost and geomorphology: Péwé (1947)

GEOPHYSICAL SURVEYS

Arctic Alaska

Aeromagnetic survey, Naval Petroleum Reserve Number 4: Rossman (1946)

General Alaska

Magnetometer and direct-current resistivity studies: Joesting (1941)Microthermal studies, petroleum-bearing rocks: Stadnichenko (1929)

Interior Alaska

Seismograph station, University of Alaska, Fairbanks area: Heck (1936)

South-central Alaska

Kennecott mines: Bateman (1930)

Southeastern Alaska

Magnetic exploration, nickel-copper deposits, Bohemia Basin, Yakobi Island:

Walton and Kennedy (1945)Seismic measurements, Taku Glacier: Poulter, Allen and Miller (1949)

Southwestern Alaska

Magnetic anomalies, Adak to Kwajalein, preliminary report: Allredge andKeller (1949)

GLACIAL GEOLOGY

General Alaska

Glacial erosion: Crosby (1920, 1928)Glacial studies, southern Alaska: Cooper and Field (1936)

Glaciation

General: Capps (1931a); Crosby (1919, 1920, 1928)Paleozoic: Blackwelder (1932)Tertiary, and polar wandering: Richarz (1922)Valley type, minor features: Ray (1934)

Glaciers

Advancing: Washburn (1934)Coast and interior, aerial exploration of great glaciers: Washburn (1941)

Coastal

Aerial survey, 1947: Miller (1948, 1949a)Observations, 1935: Field (1937)Gazetteer: Field (1941)Positions, 1931: Wentworth and Ray (1934)Recession, preliminary report: Wentworth and Ray (1932)Studies: Chamberlin (1922); Field (1942); Miller (1946); Wentworth and Ray (1936)Valley type, minor features: Ray (1934)Variations, 1933-1938: Matthes (1948)Ice caps, distribution: Hawley (1938)Mima Mounds, glacial origin: Péwé (1948a)

South-central Alaska

General

Valdez area, Fort Liscum landslide, glacial launching: Johnson (1935)

GLACIAL GEOLOGY - Continued

South-central Alaska - Continued

Glaciers

- Black Rapids Glacier: Hance (1937); Moffit (1942)
- Kennecott Glacier, Wrangell Mountains: Bateman (1921, 1922)
- Klutlan Glacier and others: Lambart (1920); Reeds (1921)
- Malaspina Glacier and others, morainic banding: Washburn (1935)
- Prince William Sound
 - General: Field (1932b)
 - Northern part: Field (1932a)

Southeastern Alaska

Glaciation

- Coast Range, Quaternary: Kerr (1936b)
- Lynn Canal, ice-eroded fiord: Martin and Williams (1924)
- Paleozoic: Kirk (1919)

Glacier Bay

- Expedition of 1931: Wright (1932)
- General: Cooper (1930)
- Glacier recession, Muir Inlet: Field (1947)
- Glacier variations: Cooper (1937)
- Physiography: Romer (1929a)
- Recent ecological history, interglacial forests: Cooper (1923, 1931)

Glaciers

- Juneau Ice Field Research Project, progress report: Miller (1949b)
- Malaspina Glacier and others, morainic banding: Washburn (1935)
- McCarty Glacier, recent retreat: Whitney (1932)
- Pacific coast range glaciers: Lambart (1920)
- South Crillon Glacier, movement: Washburn and Goldthwait (1937)
- Taku Glacier, seismic measurements: Poulter, Allen and Miller (1949)
- Lituya Bay and Mount Crillon, Harvard-Dartmouth expeditions: Washburn (1936)
- Mendenhall Glacier area, podzol profile formation: Chandler (1943)

Southwestern Alaska

- Aleutian Islands, Adak Island, late-glacial and post-glacial chronology: Judson (1946)

Western Alaska

- Nushagak district, glacial features: Mertie (1937a)

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Arctic Alaska

- Canning River region: Leffingwell (1919)
- General, exploration for oil: Kotick (1949); Willson (1948)
- Koyukuk River region, upper: Ohrnschall (1936)
- Naval Petroleum Reserve Number 4: Foran (1946)
- Peard Bay region, Pleistocene fauna and stratigraphy, notes: Meek (1923)

General Alaska

- Areal geology: Smith (1939a)
- Cascadia: Schofield (1941)
- Climatic history, new viewpoint: Blackwelder (1918)
- Cretaceous
 - Correlation and paleogeography: Martin (1924a)
 - Upper, plant-bearing beds: Martin (1930)
- Geological features: Mertie (1939a)
- Geophysical studies or prospecting: Joesting (1941)

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General Alaska - Continued

Jurassic

General: Kellum (1945)Middle, Tuxedni sandstone: Kellum and Norton (1946)

Mesozoic stratigraphy

General: Martin (1926)Pacific coast formations, correlation: Goranson (1924)Ordovician, Silurian and Devonian: Kirk (1929)

Paleozoic

Geology, interior Alaska: Mertie (1926)Glaciation: Blackwelder (1932)Placer gold: Mertie (1940a)Pleistocene-Recent, perennially frozen ground: Taber (1943)Quaternary: Sachs or Saks (1937)Regional geology: Bruet (1945)Stratigraphy: Smith (1940d)Tertiary geology: Brooks (1921a); Hollick (1936)

Interior Alaska

Alaska and Yukon Territory, Pelly gneiss, Precambrian: Mertie (1929b)Cantwell formation, age: Chaney (1937a)

Eagle-Circle district

General: Mertie (1930a)Tertiary deposits: Mertie (1942)East-central Alaska, Cambrian, Upper and Middle, and older rocks: Mertie (1931d)Fairbanks area, muck-silt, origin: Tuck (1940)Fortymile, Eagle and Circle districts, gold placers: Mertie (1938a)Gerstle River district: Moffit (1942)Healy River valley, coal deposits: Wahrhaftig and Freedman (1945)

Jumbo Dome, frost-moved rubble, significance in Pleistocene chronology:

Wahrhaftig (1949)Nenana coal field: Marstrander and others (1946)Paleozoic geology: Mertie (1926)Pleistocene deposits, frozen, gold fields: Wilkerson (1932)Railroad belt: Capps (1940)Slana-Tok district: Moffit (1938b)Tanana River, upper, and upper Copper River: Moffit (1936)Yukon River region, upper, Circle-Eagle area, Permian rocks: Williams (1947)Yukon valley, upper, Paleozoic and Precambrian geology: Mertie (1927b)

Yukon-Tanana region

General: Mertie (1937d)Selected problems: Mertie (1933)

South-central Alaska

Alaska Range, southern, including Mount Spurr and Lake Clark: Capps (1935)Cantwell formation, age: Chaney (1937a)Chistochina River region, placers: Chapin (1919e)Chitina valley and vicinity: Moffit (1938a)

Cook Inlet region

Iniskin-Chinitna Peninsula, northern part: Kellum and Wedow (1946)Iniskin Peninsula: Kirschner and Minard (1948)Tuxedni Bay: Moffit (1921a)

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South-central Alaska - Continued

Copper River basin or region

Spirit Mountain, nickel-copper prospect: Kingston and Miller (1945)

Tonsina district: Moffit (1935b)

Upper, and upper Tanana River: Moffit (1936)

Curry district: Tuck (1934)

Gerstle River district: Moffit (1942)

Kahiltna valley, platinum-bearing gold placers: Mertie (1919b)

Kantishna district or region

General: Capps (1919d)

Stampede Creek area, antimony deposits: White (1942)

Katalla area: Miller, Rossman and Hickcox (1945)

Kenai Peninsula, chromite deposits, Red Mountain area: Guild (1942); Rutledge (1946)

Kennecott, copper mine: Bateman (1942b); Bateman and McLaughlin (1920)

Kotsina-Kuskulana district, copper deposits: Van Alstine and Black (1946)

Matanuska coal fields, lower Matanuska valley

Anthracite Ridge district: Waring (1936)

Eastern part: Barnes and Byers (1945); Tuck and others (1945)

Eska Creek coal deposits: Tuck (1937a)

Geologic problems at coal mines: Martin (1919a)

Moose Creek district: Apell (1944)

Western part, resources and geology: Payne and Hopkins (1945)

Matanuska valley, surface features: Martin (1942)

Mount McKinley Park, Mount Eielson zinc-lead deposits: Muir, Thomas and Sanford (1947)

Nabesna area, gold deposits: Wayland (1943)

Nelchina-Susitna region: Chapin (1918a)

Nenana coal field: Marstrander and others (1946)

Nizina district, copper deposits: Miller (1946)

Nutzotin Mountains: Moffit (1943)

Portage Pass area, southeast of Anchorage: Barnes (1943)

Prince William Sound

General, copper-bearing rocks: Moffit (1925)

Knight Island, Rua Cove, Copper Bullion claims: Stefánsson and Moxham (1946)

Railroad belt: Capps (1940)

Slana-Tok district: Moffit (1938b)

Tetling River district, upper: Moffit (1941)

Valdez Creek mining district: Tuck (1938b)

Willow Creek district, Independence mine area: Stoll (1944)

Yakataga area, stratigraphy and structure: Spieker, Walton and Kirschner (1945)

Yakataga-Controller Bay region, Oligocene: Taliaferro (1932b)

Yakataga, Katalla and Nichawak districts: Taliaferro (1932a)

Southeastern Alaska

Admiralty Island, Funter Bay, nickel-copper deposit: Reed (1942)

Baranof Island

Red Bluff Bay, chromite deposits: Guild and Balsley (1942)

Snipe Bay, nickel-copper deposit: Reed and Gates (1942)

Chichagof Island, west coast, nickel-copper deposits: Pecora (1942)

Chichagof mining district: Reed and Coats (1942)

Coast Range, intrusive rocks: Buddington (1927b)

General: Shaw (1946b)

HISTORICAL GEOLOGY - Continued

Southeastern Alaska - Continued

Molybdenite-bearing areas: Twenhofel, Robinson and Gault (1946)

Permian stratigraphy: Williams and Reed (1946)

Porcupine district, placers: Eakin (1919)

Prince of Wales Island

Jumbo Basin, iron deposit, exploration: Wright and Fosse (1946)

Kasaan Peninsula, Mount Andrew iron deposit: Wright and Tolonen (1947)

Mineralogical explorations: Henderson (1937)

Salmon-Unuk River region, notes: Mertie (1921b)

Ultrabasic rocks, associated mineral deposits: Kennedy and Walton (1946a)

Yakobi, Chichagof and Baranof Islands, nickel deposits: Kennedy and Walton (1946b)

Yakobi Island, Bohemia Basin and vicinity, nickel deposits: Reed and Dorr (1942)

Southwestern Alaska

Alaska Peninsula

And Aleutian Islands, notes: Capps (1934)

Mount Katmai and Mount Mageik: Fenner (1930)

Wide Bay anticline, southwestern part: Kellum, Daviess and Swinney (1945)

Aleutian Islands

Adak Island, northern: Coats (1947a)

Agattu Island, note: Sharp (1946)

Great Sitkin Island: Simons and Mathewson (1947)

Kanaga Island, northern: Coats (1947b)

Pavlof volcano and vicinity: Kennedy and Waldron (1947)

Umnak Island: Byers and others (1947)

Western, reconnaissance: Coats (1947c)

Kodiak and adjacent islands: Capps (1937a, 1937b)

Kodiak Island, west coast, beach placers: Maddren (1919b)

Western Alaska

Anvik-Andreafski region, including Marshall district: Harrington (1918)

Goodnews Bay region, platinum placers: Harrington (1921a); Mertie (1940b)

Kaiyuh Hills: Mertie (1937c)

Kiwalik-Koyuk region, gold and platinum placers: Harrington (1919b)

Kuskokwim region, geosynclinal deposition, mercury deposits: Cady, Wallace and Webber (1944)

Nushagak district: Mertie (1938b)

Pribilof Islands, notes: Hanna (1919)

Ruby-Kuskokwim region, mineral deposits: Mertie (1936)

Seward Peninsula

Cape Mountain lode-tin deposits: Heide, Wright and Sanford (1946)

General: Alaska Planning Council (1940)

"Southwestern" Alaska, mercury deposits: Webber and others (1947)

Tolstoi district, gold and platinum placers: Harrington (1919c)

Yukon valley, lower, "late" geologic history: Eardley (1936)

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Arctic Alaska

Chandalar district: Mertie (1925)

Chandalar-Sheenjek district: Mertie (1929a)

Kobuk River region, asbestos and jade: Anderson (1945)

Northern Alaska: Carroll (1944)

Point Barrow region, reconnaissance: Paige, Foran and Gilluly (1925)

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General Alaska

Glaciation, Wisconsin: Capps (1931a)

Petroleum

Fields, developments: Weeks and others (1947)Provinces, possible: Smith (1941d)Regional map: Bruet (1945); Smith (1939a)

Interior Alaska

Dennison Fork district, reconnaissance: Mertie (1931a)Eagle-Circle district: Mertie (1930a, 1942)Fairbanks district: Hill (1933)Gerstle River district: Moffit (1942)Healy River valley, coal deposits: Wahrhaftig and Freedman (1945)Jumbo Dome, frost-moved rubble: Wahrhaftig (1949)

Nenana coal field

General: Martin (1919f)Healy Creek, sketch: Marstrander and others (1946)Nenana-Kantishna region, reconnaissance: Capps (1919d)Tatonduk-Nation district, reconnaissance: Mertie (1932)Railroad belt: Capps (1924b, 1940)Strategic minerals, interior Alaska and vicinity: Joesting (1943)Yukon-Tanana region: Mertie (1937d)

South-central Alaska

Alaska Range, central: Capps (1932)Anthracite Ridge district: Richards and Waring (1933)Chakachamna-Stony region: Capps (1930)Chitina valley and vicinity: Moffit (1938a)Chulitna River region, upper or west fork, sketch: Capps (1919b); Ross (1933a)

Cook Inlet region

Iniskin Bay district: Moffit (1922)Iniskin Bay-Snug Harbor district: Moffit (1927b)Iniskin-Chinitna Peninsula: Moffit (1927b)Iniskin Peninsula: Kirschner and Minard (1948)Tuxedni Bay: Moffit (1921a)

Copper River region or valley

Lower, Chitina district: Overbeck (1919b)Spirit Mountain, nickel-copper prospect: Kingston and Miller (1945)Tonsina district: Moffit (1935b)

Upper

Slana district: Moffit (1931)Suslota Pass district: Moffit (1933)Curry district: Tuck (1934)Gerstle River district: Moffit (1942)Girdwood district: Park (1933)

Kantishna district

Eureka and vicinity, lode deposits: Wells (1933)Stampede Creek area, antimony deposits: White (1942)Katalla area: Miller, Rossman and Hickcox (1945)Kenai coal field, Homer district, southern: Barnes (1949)

Kenai Peninsula

Chromite deposits: Gill (1919, 1922); Guild (1942); Rutledge (1946)Southwestern part: Gill (1922); Guild (1942)Kennecott, copper deposits: Bateman (1942b)

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South-central Alaska - Continued

- Knik-Matanuska [Rivers] district: Landes (1927)
 Knik valley chromite deposits, Palmer area, sketch: Bjorklund and Wright (1948)
 Kotsina-Kuskulana district: Moffit and Mertie (1923)
 Lake Clark-Mulchatna region: Capps (1931b, 1935)
 Matanuska coal field, lower Matanuska valley
 Anthracite Ridge district: Waring (1936)
 Eastern part: Barnes and Byers (1945); Tuck and others (1945)
 Moose Creek district: Apell (1944); Waring (1934)
 Western part: Payne and Hopkins (1945)
 Matanuska valley, upper: Capps (1927a)
 Mount McKinley Park
 Eastern part: Capps (1932)
 Mount Eielson district, zinc-lead deposits: Muir, Thomas and Sanford (1947);
 Reed (1933)
 Western part, Toklat-Tonzona River region: Capps (1927b)
 Mount Spurr region: Capps (1929a, 1935)
 Nabesna district, gold deposits: Wayland (1943)
 Nelchina-Susitna region: Chapin (1918a)
 Nenana coal field
 General: Martin (1919f)
 Healy Creek, sketch: Marstrander and others (1946)
 Nenana-Kantishna region, reconnaissance: Capps (1919d)
 Nizina district, copper deposits: Miller, D. J. (1946)
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 Nutzotin Mountains: Moffit (1943)
 Petroleum fields, Controller Bay (Katalla), Yakataga, and Cook Inlet: Martin
 (1921b)
 Portage Pass area, southeast of Anchorage: Barnes (1943)
 Prince William Sound
 Jack Bay district: Johnson (1919a)
 Knight Island, Rua Cove, Copper Bullion claims: Stefánsson and Moxham (1946)
 Railroad belt: Capps (1924b, 1940)
 Skwentna region: Capps (1929b)
 Slana district, argentiferous lead-copper deposits: Thorne (1946)
 Slana-Tok district: Moffit (1938b)
 Talkeetna Mountains, western, sketch: Capps (1919c)
 Tetling River district, upper: Moffit (1941)
 Valdez Creek mining district: Ross (1933b)
 Willow Creek district, lode gold: Ray (1933)

Southeastern Alaska

- Admiralty Island, Funter Bay, nickel-copper deposit: Reed (1942)
 Baranof Island, Snipe Bay, nickel-copper deposit: Reed and Gates (1942)
 Chichagof Island, west coast, nickel-copper deposits: Overbeck (1919a); Pecora
 (1942)
 Chichagof mining district: Reed and Coats (1942)
 Gravina and Revillagigedo Islands, sketch: Chapin (1918b)
 Hyder district, sketch: Buddington (1925)
 Lituya Bay-Mount Crillon region, reconnaissance: Washburn (1936)
 Molybdenite-bearing areas, Muir Inlet, Kosciusko Island, and Baker Island:
 Twenhofel, Robinson and Gault (1946)
 Part: Buddington and Chapin (1929)
 Portland Canal region, Salmon River district: Westgate (1921)

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Southeastern Alaska - Continued

Prince of Wales Island, Kasaan Peninsula

Poor Man iron deposit, sketch: Holt and Sanford (1946)

Salt Chuck copper mine: Holt and others (1948)

Reconnaissance, marble deposits: Burchard (1920)

Ultrabasic rocks, associated mineral deposits: Kennedy and Walton (1946a)

Wrangell district, part: Buddington (1922)

Yakobi, Chichagof and Baranof Islands, nickel deposits: Kennedy and Walton (1946b)

Yakobi Island, nickel deposits

Bohemia Basin and vicinity: Reed and Dorr (1942); Walton and Kennedy (1945)

Sitka mining district: East and others (1948)

Southwestern Alaska

Alaska Peninsula

Cold Bay or Cold Bay-Chignik district

Elephant Mountain anticline and vicinity: Smith and Baker (1924)

General: Capps (1922)

Kejulik valley, sketch: Smith and Baker (1924)

Pearl Creek Dome and Mount Peulik, sketch: Smith and Baker (1924)

Reconnaissance: Martin (1921b); Smith and Baker (1924)

Salmon Creek-Bear Creek anticline, structure contour map: Smith, W. R. (1926)

Wide Bay and vicinity: Smith and Baker (1924)

Wide Bay anticline, southwestern part, oil possibilities: Kellum, Daviess and Swinney (1945)

Cold Bay-Katmai district: Smith (1925b)

Katmai region, Valley of Ten Thousand Smokes: Griggs (1922)

Reconnaissance: Martin (1921b)

Aleutian Islands

Adak Island and Aleutian chain: Bradley (1948)

Adak Island, northern: Coats (1947a)

Akutan Island, volcano: Finch (1935)

Great Sitkin Island: Simons and Matthewson (1947)

Pavlof volcano and vicinity: Kennedy and Waldron (1947)

Uminak Island, Shishaldin volcano: Finch (1934)

Western, reconnaissance: Coats (1947c)

Kodiak and adjacent islands: Capps (1937a, 1937b)

Western Alaska

Anvik-Andreafski region, including Marshall district: Harrington (1918)

Goodnews Bay region: Harrington (1921a); Mertie (1939b, 1940b)

Innoko-Iditarod region: Mertie and Harrington (1924)

Kaiyuh Hills, sketch: Mertie (1937c)

Kiwalik-Koyuk region, sketch: Harrington (1919b)

Lake Clark-Mulchatna region: Capps (1931b, 1935)

Nixon Fork district, upper Kuskokwim River region, sketch: Martin (1921a)

Nushagak district: Mertie (1938b)

Pribilof group, St. Paul Island, sketch: Jaggar (1931)

Ruby district: Mertie and Harrington (1924)

Ruby-Kuskokwim region, sketch: Mertie (1936)

Seward Peninsula

Cape Mountain lode-tin deposits: Heide, Wright and Sanford (1946)

General: Alaska Planning Council (1940)

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Western Alaska - Continued

Seward Peninsula - Continued

Southern, metalliferous lodes, sketch maps: Cathcart (1922)

York tin region

Black Mountain, sketch: Steidtmann and Cathcart (1922)Brooks Mountain: Steidtmann and Cathcart (1922)Reconnaissance: Steidtmann and Cathcart (1922)"Southwestern" Alaska, mercury deposits: Webber and others (1947)Tolstoi district, sketch: Harrington (1919c)Yukon River region, Ruby to Andreafski: Hollick (1930); Martin (1930)

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Arctic Alaska

Jade

Alaskan deposits: Dake (1945)Jade Mountain: Anonymous (1945c)

Nemalite

General: Waskey (1946b)Kobuk River valley: Fackler (1945)

General Alaska

Aegirine-augite and arfvedsonite, formation by reaction: Coats (1942)Alaskite, granite: Anonymous (1947)Albite and gold: Gallagher (1940)Bismuthinite occurrence: Anonymous (1945a)Chalcocite and covellite, gem quality: Anonymous (1944c)Determinative mineralogy for prospectors: Wilkerson (1947)Digenite, Kennecott mine: Buerger (1942)

Epidote

General: Matthes and Oberföhl (1928)Structure: Ito (1947)General mineralogy: Griffin (1944)Gillespite, $\text{BaFeSi}_4\text{O}_{10}$, crystal structure, new mineral: Pabat (1941, 1943a);
Schaller (1922)Gold, fineness, placers: Smith (1941a)Gold, South Dakota School of Mines Museum, display: Gries (1939)Industrial minerals, prospecting: Glover (1945)Jade, Alaskan deposits: Dake (1945)Kaolinite, association with miarolitic structure: Buddington (1923)Mineral reconnaissance, Yukon Territory and Alaska: Karpinski (1933)

Mineral resources

General: Smith (1940c)Prospects near Alcan Highway: Wilcox (1944)Molybdenum minerals, occurrences: Smith (1942b)Nickel minerals: Buddington (1924)Palladium identification, contact-print technique: Gault and Dellwig (1948)Placer gold: Mertie (1940a)Regional: Bruet (1945)War minerals investigations: Reed (1944)

Interior Alaska

Gold, lode, Fairbanks district: Camp (1945)Mineral content of black sand, Nome Creek, Fairbanks area: Wilkerson (1930)Strategic minerals, interior Alaska and vicinity: Joesting (1943)

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South-central Alaska

- Antimony deposits, Stampede Creek area, Kantishna district: White (1942)
 Argentiferous lead-copper deposits, Slana district: Thorne (1946)
 Beatson copper mine, Latouche Island: Bateman (1942a)
 Chromite, Kenai Peninsula, Red Mountain area: Guild (1942); Rutledge (1946)
 Copper Bullion claims, Rua Cove, Knight Island, Prince William Sound: Stefánsson and Moxham (1946)
 Copper deposits, Kotsina-Kuskalana district: Van Alstine and Black (1946)
 Copper River region
 Northern: Moffit (1944)
 Spirit Mountain area, nickel-copper prospect: Kingston and Miller (1945); Pierce (1946)
 Gold, Nabesna area: Wayland (1943)
 Kennecott copper mine: Bateman (1942b)
 Matanuska coal field, lower Matanuska valley, eastern part: Barnes and Byers (1945)
 Nizina district, copper deposits: Miller, D. J. (1946)
 Zinc-lead deposits, Mount Eielson, Mount McKinley Park: Muir, Thomas and Sanford (1947)

Southeastern Alaska

- Anorthite, Duke Island: Glass (1936)
 Chichagof mining district, ore deposits: Reed and Coats (1942)
 Chromite deposits, Baranof Island, Red Bluff Bay area: Guild and Balsley (1942)
 Copper-sulfur deposit, Prince of Wales Island, Khayyam and Stumbelon properties: Fosse (1946)
 Epidote, Prince of Wales Island: Montgomery (1937)
 Garnets, Fort Wrangell: Pabst (1943b)
 General: Shaw (1946b)
 General, Prince of Wales Island: Henderson (1937)
 Gold, Cleveland Peninsula: Shaw (1946a)
 Iron, Prince of Wales Island, Kasaan Peninsula
 General: Anonymous (1942)
 Mount Andrew deposit: Wright and Tolonen (1947)
 Poor Man deposit: Holt and Sanford (1946)

Minerals

- Chichagof mining district, ore deposits: Reed (1939b)
 Glacier Bay region: Reed (1937a, 1938)
 Molybdenite
 Shakan Bay deposit, Prince of Wales Island: Robinson (1945)
 Shakan Bay, Muir Inlet, and Baker Island: Twenhofel, Robinson and Gault (1946)
 Wrangell district, Groundhog Basin: Gault (1947)
 Nickel-bearing sill, troctolite, Admiralty Island, northern: Reed (1937b, 1939a)
 Nickel deposits, Yakobi, Chichagof, and Baranof Islands: Kennedy and Walton (1946b)
 Nickel-copper deposit
 Baranof Island, Snipe Bay: Reed and Gates (1942)
 Chichagof Island, west coast: Pecora (1942)
 Nickel-copper-cobalt deposit or exploration, Funter Bay, Admiralty Island: Holt and Moss (1946); Reed (1942)
 Paligorskite, Lemesurier Island, possible asbestos substitute: Fisher, Thorne and Van Cott (1945)
 Stellerite, Juneau area: Wheeler (1927)
 Tungsten, Hyder district, Mountain View deposit: Erickson (1946)

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Ultrabasic rocks, associated mineral deposits: Kennedy and Walton (1946a)

Zinc deposits, Wrangell district, Groundhog Basin: Gault (1944)

Southwestern Alaska

Alaska Peninsula, Cold Bay

New meteorite: Merrill (1922a)

Pallasite [siderolite, meteorite]: Merrill (1922b)

Aleutian Islands

Possible meteorite crater [or caldera]: La Paz (1947)

Zinc, Sedanka Island: Webber, Moss and Rutledge (1946)

Western Alaska

Mercury deposits

Kuskokwim region: Cady, Wallace and Weber (1944)

"Southwestern" Alaska: Webber and others (1947)

Nelson Island, collecting: Waskey (1946a)

Platinum deposits, Goodnews Bay district: Mertie (1939b)

Seward Peninsula

Brooks Mountain

Hulsite: Anonymous (1945b)

Siderophyllite: Coats and Fahey (1944)

Meteorite, Aggie Creek: Henderson (1949); Olivier (1949)

Stannite: Anonymous (1945d)

Tin, lode deposits: Anonymous (1945f); Heide (1946); Heide, Wright and Sanford (1946)

PALEOCLIMATOLOGY

General Alaska

Climatic history, new viewpoint: Blackwelder (1918)

Post-Tertiary changes of climatic significance: Smith (1927c)

South-central Alaska

Prince William Sound region, post-Pleistocene climatic history: Cooper (1942)

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Arctic Alaska

Plants in "mother rocks" of petroleum: White (1929)

Pleistocene fauna and stratigraphy, Peard Bay: Meek (1923)

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Coral, rugose, family Paleocyclidae, Paleozoic: Bassler (1937)

Fauna

Frozen: Frick (1930)

Jurassic: Kellum (1945)

Paleozoic, ecological studies: Williams (1942)

Flora or plantae

Fossils in the making: Anonymous (1937); Chaney (1937c)

Tertiary: Hollick (1936)

Upper Cretaceous

General: Hollick (1930)

Plant-bearing beds: Martin (1930)

Invertebrates

Acila, genus, nuculid bivalves, Cretaceous and Tertiary: Schenck (1936)

Bathmopterus, new fossil gastropod, Silurian: Kirk (1928)

Brachiopods, Cambrian, new: Cooper (1936)

Briscoia, trilobite, late Upper Cambrian: Kobayashi (1935)

Cephalopods, new genus, early Paleozoic: Miller and Kummel (1945)

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Invertebrates - Continued

- Citellus parryi*, Pleistocene: Hill (1942)
Clistocrinus, new crinoid genus, Carboniferous: Kirk (1937)
 Crustacea, stalk-eyed, Pacific slope: Rathbun (1926)
Cymbidium, Silurian pentameroid brachiopod, new genus: Kirk (1926)
Drepanolepis, new: Berry (1932)
 Foraminifera, Pliocene-Pleistocene
 Amchitka Island: Cushman and Todd (1947)
 General: Cushman (1941)
Hydrangea, new species, Tertiary sandstone: Hollick (1925)
Parafusulina, Permian: Dunbar (1946)
Pentacrinus, genus: Springer (1925)
Pycnoderma, new molluscan genus, Silurian: Kirk (1927)
 Triassic, upper, marine: Smith, J. P. (1927)

Miscellaneous

- Artifacts, Alaska Highway route: Johnson (1946)
 Areal geology: Smith (1939a)
 Cycads, Tertiary, new species: Hollick (1932)
 Early man, Quaternary: Hibben (1943)
 Egg capsules, chimaeroid fish
 Cretaceous: Brown (1946a)
 Oligocene: Brown (1946b)
 Guide fossils, Tuxedni sandstone, Middle Jurassic: Kellum and Norton (1946)
 Ivory, fossil: Buddhue (1936)
 Paleo-Indians: Hibben (1941)

Vertebrata or vertebrates, Pleistocene

- Bison*, Pleistocene, preliminary revision of genus: Skinner and Kaisen (1947)
 Mammoth, frozen: Anthony (1949)
Megalonyx, ground sloth, Quaternary: Stock (1942)

Interior Alaska

- Fish, new, Tertiary, Healy Creek: Schlaiker (1937)
 Flora or plantae, Fairbanks area, Pleistocene: Chaney (1937b); Chaney and Mason (1936)

General

- Eagle-Circle district: Mertie (1930a)
 Eagle-Circle district, Tertiary deposits: Mertie (1942)
 Tatonduk-Nation district: Mertie (1932)
 Yukon-Tanana region: Mertie (1937d)

Vertebrata or vertebrates, Pleistocene, mammals, Fairbanks area: Chaney (1937b)

South-central Alaska

Fauna

- Chitina valley, lists: Moffit (1938a)
 General, Poul and Yakataga formations, upper Oligocene: Clark (1932a, 1932b)

Flora or plantae

- Prince William Sound region, vegetation: Cooper (1942)

General

- Cook Inlet region, Iniskin-Chinitna Peninsula and Snug Harbor district:
 Moffit (1927b)
 Kotsina-Kuskulana district: Moffit and Mertie (1923)
 Nelchina-Susitna region: Chapin (1918a)

PALEONTOLOGY - Continued

Southeastern Alaska

General

Glacier Bay, recent ecological history, interglacial forests: Cooper (1923, 1931)

Gravina and Revillagigedo Islands: Chapin (1918b)

Lituya Bay region: Mertie (1931c)

Invertebrates

Brooksina, new pentameroid genus, Upper Silurian: Kirk (1922)

Harpidium, new pentameroid brachiopod genus: Kirk (1925)

Southwestern Alaska

General

Adak Island, Pleistocene and post-Pleistocene: Judson (1946)

Cold Bay district: Smith, W. R. (1926)

Plant fossils in the making, Katmai area: Anonymous (1937); Chaney (1937c)

Pollen analysis, Kodiak bogs: Bowman (1934)

Wide Bay anticline: Kellum, Daviess and Swinney (1945)

Western Alaska

Floras, Yukon River, Ruby to Andreafski, Upper-Cretaceous: Hollick (1930)

Fossils

Pliocene and Pleistocene, Arctic Coast and Nome beaches: Dall (1920)

Pribilof Islands

Diatoms: Hanna (1919)

Tertiary: Dall (1919)

General

Nelson Island, collecting: Waskey (1946a)

Ruby-Kuskokwim region: Mertie and Harrington (1924)

Invertebrates

Cephalopods, Seward Peninsula: Flower (1941)

Marine faunas, Nome area, buried beaches, Pliocene and Pleistocene: MacNeil, Mertie and Pilsbry (1943)

Pecten, Pliocene, Nome area: Dall (1921)

Plants, *Sequoia* forest, St. Lawrence Island, Tertiary: Chaney (1930, 1931)

PETROLOGY

General Alaska

Aegirine-augite and arfvedsonite, formation by reaction: Coats (1942)

Kaolinite, association with miarolitic structure: Buddington (1923)

Regional: Bruet (1945)

Interior Alaska

Fairbanks area, Nome Creek, black sand, minerals: Wilkerson (1930)

Yukon River region, upper, Circle-Eagle area, Permian rocks: Williams (1947)

Yukon-Tanana region: Mertie (1937d)

South-central Alaska

Copper River region, Spirit Mountain, nickel-copper prospect: Kingston and Miller (1945)

Katalla area: Miller, Rossman and Hickcox (1945)

Kenai Peninsula, chromite deposits: Guild (1942); Rutledge (1946)

Matanuska coal field, lower Matanuska valley, eastern part: Barnes and Byers (1945)

Matanuska valley, upper, igneous rocks: Mertie (1927a)

Nabesna area, gold deposits: Wayland (1943)

Nizina district, copper deposits: Miller, D. J. (1946)

Nutzotin Mountains: Moffit (1943)

PETROLOGY - Continued

South-central Alaska - Continued

Petroleum possibilities

General: Kellum (1947)Iniskin-Chinitna Peninsula, northern part: Kellum and Wedow (1946)Portage Pass area, southeast of Anchorage: Barnes (1943)Prince of Wales Island, Kasaan Peninsula, structural control of ore deposition:
Warner and Goddard (1946)Prince William Sound, Knight Island, Rua Cove, Copper Bullion claims: Stefánsson and Moxham (1946)Willow Creek district, Independence mine area: Stoll (1944)Yakataga area: Spieker, Walton and Kirschner (1945)

Southeastern Alaska

Admiralty Island, northern, troctolite, nickel-bearing sill: Reed (1937b, 1939a)Annette and Duke Islands, hornblende and related rocks: Koschmann (1935)

Coast Range

Composite batholith: Kerr (1932)Intrusive rocks: Buddington (1927b)Glacier Bay and vicinity, mineral deposits: Reed (1938)Hyder district, Mountain View tungsten deposit: Erickson (1946)Juneau Ice Field, bedrock, reconnaissance: Miller (1949b)Pillow lavas, submarine: Buddington (1926b)Prince of Wales Island, Khayyam and Stumbelon properties, copper-sulfur deposit:
Fosse (1946)Ultrabasic rocks, associated mineral deposits: Kennedy and Walton (1946a)Volcanic rocks, Eocene: Buddington and Fairchild (1932)Yakobi Island, Bohemia Basin and vicinity, nickel deposits: Reed and Dorr (1942)

Southwestern Alaska

Alaska Peninsula

General, petroleum possibilities: Kellum (1947)

Katmai region, Valley of Ten Thousand Smokes

Assimilation during 1912 eruption: Fenner (1922)Falling Mountain, volcanic activity: Fenner (1938)Fumarolic incrustations: Zies (1929)Magmatic province: Fenner (1926b)Wide Bay anticline, oil possibilities: Kellum, Daviess and Swinney (1945)

Aleutian Islands

Adak Island and Aleutian chain: Bradley (1948)Adak Island, northern: Coats (1947a)Agattu Island: Sharp (1946)Great Sitkin Island: Simons and Mathewson (1947)Kanaga Island, northern: Coats (1947b)Magmatic problems: Fenner (1926a)Western, reconnaissance: Coats (1947c)Kodiak and adjacent islands: Capps (1937a)

Western Alaska

Kuskokwim region, central, thermal metamorphism: Wallace and others (1949)Nushagak district: Mertie (1938b)Seward Peninsula, Lost River tin deposit: Heide (1946)

PHYSICAL GEOLOGY

Arctic Alaska

Naval Petroleum Reserve Number 4: Foran (1946)

PHYSICAL GEOLOGY - Continued

General Alaska

Aegirine-augite and arfvedsonite, formation by reaction: Coats (1942)
 Calderas and their origin: Williams (1941)
 Geological features: Mertie (1939a)
 Ice-jams in sub-Arctic rivers, geologic work: Wentworth (1932)
 Lava domes: Jaggard (1932); Williams (1932)
 Mountain building: Mertie (1930c)
 Permafrost
 In Alaska: Wallace (1947)
 Origin and history: Taber (1943)
 Precambrian and Paleozoic volcanism, "interior" Alaska: Mertie (1935)
 Troctolite sill, nickel content: Reed (1937b)
 Volcanoes, eruptions and studies: Jaggard (1945)

Interior Alaska

Dunbar area, permafrost investigations, preliminary report: Péwé (1949)
 Eagle-Circle district, Tertiary deposits: Mertie (1942)
 Fairbanks area, permafrost investigations, preliminary report: Péwé (1948b)
 Gerstle River district: Moffit (1942)
 Nabesna, Chisana, and Tanana valleys, cave-in lakes: Wallace (1948)
 Precambrian and Paleozoic volcanism, "interior" Alaska: Mertie (1935)
 Railroad belt: Capps (1940)
 Slana-Tok district: Moffit (1938b)
 Tolovana and Hess River basins, repeated stream piracy: Mertie (1919c)
 Yukon-Tanana region: Mertie (1937d)

South-central Alaska

Alaska Range, part, physiographic history: Wahrhaftig (1946)
 Chitina valley and vicinity: Moffit (1938a)
 Copper River region
 Northern, mining: Moffit (1944)
 Spirit Mountain, nickel-copper prospect: Kingston and Miller (1945); Pierce (1946)
 General, petroleum possibilities: Kellum (1947)
 Gerstle River district: Moffit (1942)
 Kantishna district, Stampede Creek area, antimony deposits: White (1942)
 Katalla area: Miller, Rossman and Hickcox (1945)
 Kenai Peninsula, chromite deposits
 General: Guild (1942)
 Red Mountain area: Rutledge (1946)
 Kennecott area, transverse faults, relation to main fault system: Lasky (1928)
 Kennecott copper mine: Bateman (1942b)
 Klutlan Glacier, recent movement: Reeds (1921)
 Kotsina-Kuskulana district, copper deposits: Van Alstine and Black (1946)
 Latouche Island, Beatson copper mine: Bateman (1942a)
 Matanuska coal field, lower Matanuska valley
 Anthracite Ridge district: Waring (1936)
 Eastern part: Barnes and Byers (1945); Tuck and others (1945)
 Esk Creek coal deposits: Tuck (1937a)
 Moose Creek district: Apell (1944)
 Stratigraphic and structural features: Payne (1945)
 Surface features: Martin (1942)
 Western part: Payne and Hopkins (1945)
 Mount McKinley Park, Mount Eielson zinc-lead deposits: Muir, Thomas and Sanford (1947)

PHYSICAL GEOLOGY - Continued

South-central Alaska - Continued

- Nabesna area, gold deposits: Wayland (1943)
- Nabesna, Chisana, and Tanana valleys, cave-in lakes: Wallace (1948)
- Nizina district, copper deposits: Miller, D. J. (1946)
- Nutzotin Mountains: Moffit (1943)
- Portage Pass area, southeast of Anchorage: Barnes (1943)
- Railroad belt: Capps (1940)
- Slana district, argentiferous lead-copper deposits: Thorne (1946)
- Slana-Tok district: Moffit (1938b)
- Tetling River district, upper: Moffit (1941)

Southeastern Alaska

- Admiralty Island, Funtier Bay, nickel-copper-cobalt deposit, exploration: Holt and Moss (1946)
- Chichagof Island, west coast, nickel-copper deposits: Pecora (1942)
- Chichagof mining district
 - General: Reed and Coats (1942)
 - Ore deposits, preliminary report: Reed (1939b)
- Coast Range, composite batholith: Kerr (1932)
- General geology and mineralogy: Shaw (1946b)
- Hyder district, Mountain View tungsten deposit: Erickson (1946)
- Juneau area, East Twin Glacier, Forbes-type banding and glacier measurements: Miller (1949b)
- Molybdenite-bearing areas: Twenhofel, Robinson and Gault (1946)
- Prince of Wales Island
 - Jumbo Basin iron deposit, exploration: Wright and Fosse (1946)
- Kasaan Peninsula
 - Mount Andrew iron deposit: Wright and Tolonen (1947)
 - Poor Man iron deposit: Holt and Sanford (1946)
- Taku district, Talsekwe River, extraordinary floods: Kerr (1936a)
- Ultrabasic rocks, associated mineral deposits: Kennedy and Walton (1946a)
- Wrangell district
 - Explosion-breccia: Gault (1945)
 - Groundhog Basin: Gault (1944)
- Yakobi, Chichagof, and Baranof Islands, nickel deposits: Kennedy and Walton (1946b)

Southwestern Alaska

Alaska Peninsula

- Aniakchak and Veniaminof craters (calderas) or volcanoes: Knappen (1933)
- Craters, large: McGavok (1934)
- Katmai region, Valley of Ten Thousand Smokes
 - Eruption of 1912
 - Earth movements: Fenner (1925); Tams (1924)
 - Effects on vegetation: Griggs (1919a)
 - General or summary: Griggs (1922); Okimura (1930)
 - Floor: Cole (1923)
 - Fumaroles
 - Incrustations: Zies (1924a, 1924c, 1929)
 - Temperature inversions: Sosman (1919)
 - General: Fenner (1920a, 1920b); Shipley (1919)
 - Hot "lahar" (mud flow): Escher (1922)
 - Hot springs: Zies (1924b)
 - Katmai volcano: Griggs (1919b)

PHYSICAL GEOLOGY - Continued

Southwestern Alaska - Continued

Alaska Peninsula - Continued

Katmai region, Valley of Ten Thousand Smokes - Continued

Mageik landslide: Griggs (1920)

Mount Katmai and Mount Mageik: Fenner (1930)

Moving pictures: Fenner (1924)

National Monument, greatest: Griggs (1921b)

Review of Griggs (1922): Reck (1930)

Tuff

And other volcanic deposits: Fenner (1937)

Incandescent sand flow: Griggs (1923)

Origin and deposition: Fenner (1924)

Volcanic emanations and incrustations, chemical observations: Shipley (1920)

Petroleum possibilities

General: Kellum (1947)

Wide Bay anticline, southwestern part: Kellum, Daviess and Swinney (1945)

Aleutian Islands

Adak Island and Aleutian chain: Bradley (1948)

Adak Island, northern: Coats (1947a)

Agattu Island: Sharp (1946)

Akutan Island, volcano: Finch (1935)

Bogoslof Island or volcano: Friedlaender (1919); Jaggard (1930); Lukens (1936); Ransom (1946)

General, volcano investigations: Robinson (1947a)

Great Sitkin Island: Simons and Mathewson (1947)

Island necklace of the north: Freiday (1945)

Kanaga Island, northern: Coats (1947b)

Pavlof volcano and vicinity: Kennedy and Waldron (1947)

Sedanka Island, zinc district: Webber, Moss and Rutledge (1946)

Tidal wave, 1946: Jaggard (1946)

Unimak Island, Shishaldin volcano: Finch (1934)

Volcano study: Griggs (1921a)

Volcanoes, exploration: Robinson (1948)

Western, reconnaissance: Coats (1947c)

Kodiak and adjacent islands: Capps (1937a, 1937b)

Kodiak and Dutch Harbor, earthquake records: Jones (1932)

Western Alaska

Nushagak district: Mertie (1938b)

Pribilof group, St. Paul Island, volcanic: Jaggard (1931)

Ruby-Kuskokwim region, mineral deposits: Mertie (1936)

Seward Peninsula

Frost action and cryoplanation, effects on tundra vegetation: Sigafoos (1949)

Tin deposits

Cape Mountain, lodes: Heide, Wright and Sanford (1946)

Lost River: Heide (1946)

SEDIMENTATION OR SEDIMENTARY PETROLOGY

Southeastern Alaska

Mendenhall Glacier area, podzol profile formation: Chandler (1943)

Western Alaska

Yukon valley, lower: Eardley (1938a)

STRATIGRAPHY

Arctic Alaska

Peard Bay, and Pleistocene fauna, notes: Meek (1923)

Point Barrow region, reconnaissance: Paige, Foran and Gilluly (1925)

General Alaska

Cretaceous, correlation and paleogeography: Martin (1924a)

Jurassic, and petroleum exploration: Kellum (1945)

Mesozoic

General: Martin (1926)

Pacific coast, correlations: Goranson (1924)

Summary: Smith (1940d)

Interior Alaska

Cantwell formation, age: Chaney (1937a)

General

Eagle-Circle district: Mertie (1930a)

Tatonduk-Nation district: Mertie (1932)

Yukon River region, upper, Circle-Eagle area, Permian rocks: Williams (1947)

South-central Alaska

Cantwell formation, age: Chaney (1937a)

General

Cook Inlet region, Iniskin-Chinitna Peninsula and Snug Harbor districts:

Moffit (1927b)

Kotsina-Kuskulana district: Moffit and Mertie (1923)

Matanuska coal field, lower Matanuska valley: Payne (1945)

Nelchina-Susitna region: Chapin (1918a)

Nizina River, upper: Moffit (1930)

Yakataga area: Spieker, Walton and Kirschner (1945)

Yakataga-Controller Bay region, Oligocene sediments: Taliaferro (1932a, 1932b)

Yakataga, Katalla and Nichawak districts: Taliaferro (1932a)

Southeastern Alaska

Gravina and Revillagigedo Islands: Chapin (1918b)

Permian: Williams and Reed (1946)

STRUCTURAL GEOLOGY

General Alaska

Mountain building: Mertie (1930c)

South-central Alaska

Cook Inlet region, Iniskin-Chinitna Peninsula and Snug Harbor district: Moffit (1927b)

Kennecott area, transverse faults, relation to main fault system: Lasky (1928)

Kotsina-Kuskulana district: Moffit and Mertie (1923)

Matanuska coal field, lower Matanuska valley: Payne (1945)

Willow Creek district, Independence mine area: Stoll (1944)

Yakataga area: Spieker, Walton and Kirschner (1945)

Southeastern Alaska

Gravina and Revillagigedo Islands: Chapin (1918b)

Southwestern Alaska

Wide Bay anticline, oil possibilities: Kellum, Daviess and Swinney (1945)

VOLCANISM AND VOLCANOLOGY

General Alaska

Calderas and their origin: Williams (1941)

Investigations, progress report: United States Geological Survey (1947)

VOLCANISM AND VOLCANOLOGY - Continued

General Alaska - Continued

Lava domes: Jaggar (1932); Williams (1932)Precambrian and Paleozoic volcanism, "interior" Alaska: Mertie (1935)

Volcanoes

Eruptions and studies: Jaggar (1945)In National Parks: Waesche (1937)New and old: Coleman (1946)

Interior Alaska

Precambrian and Paleozoic volcanism: Mertie (1935)

Southeastern Alaska

Pillow lavas, submarine: Buddington (1926b)

Southwestern Alaska

Alaska Peninsula

Aniakchak and Veniaminof craters (calderas) or volcanoes: Knappen (1929, 1933); Hubbard (1931)Aniakchak Crater: Smith, W. R. (1925a)Craters, large: McGavock (1934)

General

Volcano investigations, methods, objectives and progress: Robinson (1947a)

Katmai region, Valley of Ten Thousand Smokes

Eruption of 1912

Earth movements: Fenner (1925); Tams (1924)Effects on vegetation: Griggs (1919a)General summary: Fenner (1920a, 1920b, 1922)Plant fossils in the making: Anonymous (1937); Chaney (1937c); Okimura (1930)Falling Mountain, volcanic activity: Fenner (1938)Floor, Valley of Ten Thousand Smokes: Cole (1923)

Fumaroles

Chemical study: Allen and Zies (1923)Incrustations: Zies (1924a, 1924c, 1929)Temperature inversions: Sosman (1919)General: Shipley (1919)Hot "lahar" (mud flow): Escher (1922)Hot springs: Zies (1924b)Katmai volcano and National Monument: Griggs (1919b)Mageik landslide: Griggs (1920)Magmatic province: Fenner (1926b)Mount Katmai and Mount Mageik: Fenner (1930)Moving pictures: Fenner (1924)National Monument, greatest: Griggs (1921b)Regional summary: Griggs (1922)Review of Griggs (1922): Reck (1930)

Tuff

And other volcanic deposits: Fenner (1937)Incandescent sand flow: Griggs (1923)Origin and deposition: Fenner (1923)Volcanic emanations and incrustations, chemical observations: Shipley (1920)Volcanoes in National Parks: Waesche (1937)

Aleutian Islands

Adak Island and Aleutian chain: Bradley (1948)

VOLCANISM AND VOLCANOLOGY - Continued

Southwestern Alaska - Continued

Aleutian Islands - Continued

Adak Island, northern: Coats (1947a)Agattu Island, note: Sharp (1946)

Akutan Island, volcano

Eruption, April 29, 1949: Anonymous (1949)General: Finch (1935)Bogoslof Island or volcano: Freidlaender (1919); Jaggard (1930); Lukens (1936); Ransom (1946)Chuginadak Island, Mount Cleveland, eruption, June 1944: Anonymous (1944a)Great Sitkin Island: Simons and Mathewson (1947)Island necklace of the north: Freiday (1945)Kanaga Island, northern: Coats (1947b)Magmatic problems: Fenner (1926a)Pavlof volcano and vicinity: Kennedy and Waldron (1947)Possible meteorite crater [or caldera]: LaPaz (1947)Umnak and Great Sitkin Islands, volcanic activity 1946-1948: Byers and Brannock (1949)

Umnak Island

Shishaldin volcano: Finch (1934)Tulik [Okmok] caldera, 1945 eruption: Robinson (1947b)Volcano investigations: Byers and others (1947)

Volcanoes

Exploration: Robinson (1948)Study: Griggs (1921a)Western, reconnaissance: Coats (1947c)Eocene volcanic rocks: Buddington and Fairchild (1932)

Western Alaska

Pribilof group, St. Paul Island: Jaggard (1931)