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August 4, 1976

<sup>Eliot</sup>  
THE BLACKWELDER FAMILY COLLECTION

RECEIPT for the gift from Mrs Martha Blackwelder Merk:

CORRESPONDENCE:	
1907:	1941:
August: 1 pc.	March: 2 pcs.
1920:	July: 1 pc.
December: 1 pc.	August: 1 pc.
1921:	October: 1 pc.
January: 1 pc.	November: 2 pcs.
February: 2 pcs.	December: 4 pcs.
March: 2 pcs.	1942:
April: 2 pcs.	October: 3 pcs.
May: 7 pcs.	November: 1 pc.
June: 8 pcs.	December: 4 pcs.
July: 11 pcs.	1943:
August: 23 pcs.	January: 1 pc.
September: 3 pcs.	July: 1 pc.
December: 1 pc.	August: 5 pcs.
1925:	<u>September: 2 pcs.</u>
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1927:	March: 1 pc.
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1929:	August: 2 pcs.
June: 1 pc.	November: 1 pc.
1939:	December: 1 pc.
July: 1 pc.	1945:
1940:	February: 2 pcs.
January: 4 pcs.	May: 1 pc.
March: 3 pcs.	1946:
April: 5 pcs.	January: 2 pcs.
May: 8 pcs.	February: 1 pc.
June: 1 pc.	March: 1 pc.
July: 8 pcs.	1948:
August: 4 pcs.	February: 2 pcs.
<u>September: 3 pcs.</u>	1952:
	February: 1 pc.
	1953: April: 1 pc.
	UNDATED: 6 pcs.

Box #1

LEGAL DOCUMENTS/FINANCIAL RECORDS:

Accountants' Certificates of Examination:

March 17, 1941

March 15, 1946

Monthly Reports-1921-1925; appr. 75 pcs.

Reports on Examination:

October 25, 1920-October 31, 1922 (2 copies)

January 1, 1922-December 31, 1922

January 1, 1923-December 31, 1923 (2 copies)

January 1, 1924-December 31, 1924 (2 copies)

December 31, 1925 (2 copies)

December 31, 1926 (3 copies)

December 31, 1937 (2 copies)

December 31, 1928

December 31, 1929

Trust Agreements - 1921: 6 pcs.

Unitization Agreement: September 15, 1924

PHOTOGRAPHS (all b/w glossy):

15.5cmx24cm:

(Q45) (2) of unidentified glacier

(M799) (2) of moon; one long-range, one closeup

12cmx17cm:

(13) of unidentified rock samples

11"cmx16cm:

(D457-mo) (3) of Mojave Desert, California

(M864-sn) (2) of geologic formations, Sierra Nevada Mts.

(M864-wu) (2) of geologic formations, Wasatch Mts. Utah

(L14-t) (1) of geologic formations, Lake Tahoe, Nevada

(V243-a) (1) of geologic formations, Death Valley, Calif.

7.5cmx10cm:

(V243-d) (2) of geologic formations, Death Valley, Calif.

(R524-kern) (2) of Kern River Canyon, California

(N410) (1) of basaltic cinder cone and lava flow, Nevada

(U11+bst) (1) of Bonneville Salt Flats, Utah

(N424-cp) (1) of Central Park, Manhattan, New York

(G3392) (1) of artificial geyser, Lakeview, Oregon

(M864-wir) (1) of Bull Lake Glacier, Wind River Mts., Wyo.

(M864-bep) (1) of Box Elder Peak, Utah

(C12-t-la) (1) of Oil drilling rig in Los Angeles, Calif.

(C81) (1) of sample of coral

(8) of unidentified locations

(9) of Unidentified rock samples

(11) microphotos of diatoms and unidentified minerals

TELEGRAMS:

1921: 18 pcs.

MISCELLANEOUS:

Plat, "Bush City Field," Anderson County, Kansas

Minutes of Trustees Meeting, December 23, 1923

Certification of Wnership, AT&T stock by E. Blackwelder, 1929

"Reserve for Depletion - Oil Roulalties at Dec. 31, 1936"

Bank Statements, Iola State Bank for Eliot Blackwelder, June and July, 1921

Memoranda - 1921: 8 pcs.

"Teton Syndicate Wells, December 9, 1921"

Box #1

Box #1

PHOTO

Box #1

Box #1

Box #2

Balance Sheets & Expense Records, 1921: 9 pcs.  
Eliot Blackwelder Financial Statement, 1921  
(2) repair orders for Eliot Blackwelder, 1921  
Statement of Crude Oil Purchases, Philips Petroleum, 1940  
"Holdings of Syndicate Units, May 16th, 1921  
(5) pages miscellaneous field notes  
(5) cancelled checks, Iola State Bank, by Eliot Blackwelder, July, 1921  
"Analysis of Proposed Royalty Sale - From Owner's Standpoint"  
Book Extra ct: "Present International Situatuon Regarding Mineral Deposits," C.K. Lieth, Bulletin, Geological Survey of America, Vol. 50, pp. 433-442, 1939  
Lectures Notes, "Principles and Theories of Geology," by Professor T.C. Chamberlain, Autumn, 1902. 82 pages longhand  
Unidentified manuscript, pages 113-344  
(2) photographic negatives  
Reprint: "Meteor Crater, Arizona," by Eliot Blackwelder, from "Science," July 12, 1946, Vol. 104, #2689, pp. 38-39  
Certificate: Eliot Blackwelder to Chairmanship of the United States Delegation of the 18th International Geological Congress, London, August 25 - September 1, 1948, by the Department of State.

Box # 2

GMG/pc

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Gene M. Gressley  
Director

10-20-76  
WA

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October 11, 1976

<sup>Eliot</sup>  
THE BLACKWELDER FAMILY COLLECTION

RECEIPT for the gift received of Martha B. Merk:

CORRESPONDENCE:

<u>TO:</u>	<u>FROM:</u>	<u>DATE:</u>
Eliot Blackwelder	Chang-Hung Hu	December 8, 1958
Esther Sprenkel	Eliot Blackwelder	March 30, 1959
E.H. Sellards	Elmer W. Ellsworth	April 7, 1959
Eliot Blackwelder	G.M. Schwartz	June 1, 1959
G.M. Schwartz	Eliot Blackwelder	June 9, 1959
Eliot Blackwelder	Sarah Dees	August 1, 1960
Howard A. Meyerhoff	Eliot Blackwelder	October 18, 1960
Eliot Blackwelder	John T. Kuo	October 20, 1960
Eliot Blackwelder	Mary E. Mattingly	December 7, 1960
Eliot Blackwelder	Ellis L. Yochelson	April 16, 1961
Ellis L. Yochelson	Eliot Blackwelder	April 24, 1961
Eliot Blackwelder	Ellis L. Yochelson	April 30, 1961
Ellis L. Yochelson	Eliot Blackwelder	May 5, 1961
Eliot Blackwelder	Ellis L. Yochelson	May 10, 1961
Eliot Blackwelder	A.C. Waters	July 27, 1961

Box 3  
Eliot

Gene M. Gressley  
Director

GMG/gr

*H. H. H. H.*  
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March 13, 1979

*Eliot*

The ~~MRS.~~ R.E. BLACKWELDER COLLECTION

RECEIPT for the gift received of Mrs. R.E. Blackwelder, Date received February 19, 1979

SCRAPBOOK:

1--With pictures of Alaska 1906-1908; Buffalo Wyoming, California and Nevada Mining Camps, Early 1930's, Cloud Peak Glacier, Glaciated Valley and Piney creek Glacier.  
34 Pages

*Envelope*

Gene M. Gressley  
Director

GMG/ab



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November 22, 1983

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Eliot BLACKWELDER

COLLECTION

(Formerly: Blackwelder Family Collection)

The following is an INVENTORY of materials received as gift from Mrs. R. E. Blackwelder, August 28, 1980 and from Mr. Richard Merk, October 7, 1981.

ADDRESSES, ESSAYS, LECTURES, MANUSCRIPTS, REPORTS:

All apparently composed by Eliot Blackwelder, unless otherwise noted. One copy, unless otherwise noted. Complete unless otherwise noted. "2 manuscripts" denotes two different texts under the same title.

ABSTRACT OF PRINCETON REPORT.

APPLICATION TO THE STRATIGRAPHIC COMMISSION FOR REVISION OF THE QUATERNARY PART OF THE 1961 STRATIGRAPHIC CODE.  
By Thor N. V. Karlstrom.

THE ARMY SPECIALIST CORPS. By William O. Hotchkiss. July, 1942.

A BACKGROUND REPORT TO THE FACULTY AND STAFF: THE 25 MILLION FORD GRANT. From the Office of the President.

CARNEGIE CORPORATION OF NEW YORK: REPORT OF THE PRESIDENT AND OF THE TREASURER. n.a. 1940.

DEFINITIONS OF SHALE.

DESERT FLOODS IN ACTION. April, 1940.

THE DISTRIBUTION OF COPPER ORES IN THE UNITED STATES.  
Ca. 1903.

DRAFT OF A REPORT OF THE ADVISORY COMMITTEE TO THE UNITED STATES GEOLOGICAL SURVEY. October 30, 1952.

Bcx 4

BLACKWELDER FAMILY COLLECTION  
ADDRESSES, ESSAYS, LECTURES, MANUSCRIPTS, REPORTS, cont.

EARTHQUAKES IN JACKSON HOLE, WYOMING. Ca. 1925.

ELEMENTARY GEOLOGY WITH REFERENCE TO PETROLEUM. Ca. 1920.  
3 copies.

EXFOLIATION AS A PHASE OF ROCK WEATHERING.  
2 manuscripts.

2 page manuscript cited as extract from JOURNAL  
OF GEOLOGY, Vol. XXXIII, December, 1925,  
pp. 793-806. 2 copies.

14 page manuscript.

A GENETIC CLASSIFICATION OF MOUNTAINS.

Box # 4  
GEOLOGIC RESULTS OF A TRIP TO THE WHITE MOUNTAINS AND UPPER  
YUKON CANYON, ALASKA. Submitted to the Department of  
the Interior. 1916.

GEOLOGICAL SOCIETIES UNITE TO FORM NATIONAL INSTITUTE.  
n.a. November 18, 1948.

GEOLOGY OF HAT ISLAND, GREAT SALT LAKE, UTAH. Submitted  
to Academy of Science JOURNAL. 1947.

GEOLOGY OF THE SOUTHERN BLACK HILLS. Ca. 1903.

GEOLOGY: PRESIDENT'S REPORT. August 29, 1933.

GEOLOGY: PRESIDENT'S REPORT, 1937-1938. September, 1938.

xxx  
40 copies  
to  
Box # 5  
xxx  
THE GREAT BASIN. 152 copies.

THE INSOLATION HYPOTHESIS OF ROCK WEATHERING.  
3 manuscripts.

30 page manuscript. March 11, 1933.

18 page manuscript. June 24, 1933. "Read before  
the International Geological Congress in  
Washington, D.C., July, 1933." Extensively  
revised and captioned "As it was read at  
the Congress."

18 page manuscript. June 29, 1933.

AN INVESTIGATION OF A CALCAREOUS DEPOSIT NEAR PALO ALTO.  
By J. F. McAllister. Ca. 1932.

Eliot

BLACKWELDER FAMILY COLLECTION  
ADDRESSES, ESSAYS, LECTURES, MANUSCRIPTS, REPORTS, cont.

LAKE DEPOSITS IN THE BASIN AND RANGE PROVINCE.

LAKE WINNEMUCCA. October 26, 1947.

THE LAST MILLION YEARS IN WESTERN UNITED STATES. 2 copies.

THE LITHOLOGIC RELATION OF THE PURISIMA AND MERCEND SAND-  
 STONE ALONG PART OF THE PACIFIC COAST OF CALIFORNIA.  
 By S. W. Riter. Ca. 1924.

THE LOESS IN ILLINOIS: ITS ORIGIN AND AGE. By T. E. Savage.

A LOWER TRENTON FAUNA FROM LINCOLN COUNTY, MISSOURI. Ca.  
 1903.

METHOD OF INVESTIGATION. By Walter R. Buss.

MINERAL RESOURCES AND INTERNATIONAL STRIFE. By Edward  
 Sampson. June 20, 1938.

MOUNTAIN FORMATION. Partial manuscript.

A NATIONAL ASSOCIATION OF UNIVERSITY PROFESSORS. n.a.

NATIONAL GOALS AND FOREIGN ECONOMIC POLICY. By Raymond  
 F. Mikesell.

THE OIL FIELDS OF THE CAUCASUS IN RUSSIA. 2 copies.

THE OLDER PRE-CAMBRIAN ROCKS OF EASTERN CHINA. 1910.  
 69 copies.

THE ORIGIN OF THE CENTRAL KANSAS OIL DOMES. Ca. 1920.

ORIGIN OF THE LOESS OF THE PALOUSE REGION, WASHINGTON.  
 By Ray C. Treasher. Submitted to SCIENCE. March,  
 1925.

PETROLEUM RESOURCES OF CHINA AND SIBERIA. February, 1922.

PHOSPHATIC SEDIMENTS--COMMENTS. Ca. 1925.

A PHOTOGRAPHIC PLATE THAT ELIMINATES BLUE HAZE. 1928.

PHYSIOGRAPHIC CONDITIONS AND COPPER ENRICHMENT. By Eliot  
 Blackwelder and Wallace W. Atwood. 44 copies.

PLEISTOCENE HISTORY OF THE TRUCKEE RIVER VALLEY, NORTH OF  
 LAKE TAHOE, CALIFORNIA. By Pete Birkeland. June  
 5, 1961

Box # 5

Box # 6

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BLACKWELDER FAMILY COLLECTION  
ADDRESSES, ESSAYS, LECTURES, MANUSCRIPTS, REPORTS, cont.

PRE-CAMBRIAN GEOLOGY OF THE MEDICINE BOW MOUNTAINS. "Manuscript received by the Secretary of the Society, 1926. Read before the Society in preliminary form, December 28, 1917. Includes 9 photographs.

PRE-CAMBRIAN GEOLOGY OF THE MEDICINE BOW RANGE, WYOMING.  
"Read before GSA, December 28, 1917."

THE PRE-CAMBRIAN ROCKS OF THE EASTERN UINTA MOUNTAINS,  
UTAH-COLORADO: A NEW CONCEPT. By Howard R. Ritman.

PRIVATE PAPERS: A PLEA FOR THEIR PRESERVATION AND AN  
EXPLANATION OF THEIR IMPORTANCE TO THE NATIONAL COL-  
LECTIONS. By the U.S. Library of Congress. August 6,  
1958.

THE PROCESS OF MOUNTAIN SCULPTURE BY ROLLING DEBRIS.  
2 copies.

PROPOSED BINOMIAL SYSTEM OF SEDIMENTARY ROCK NOMENCLATURE.  
By V. E. McKelvey, R. A. Gulbrandsen, and R. P.  
Sheldon.

RATE OF FAULT MOVEMENT IN THE GREAT BASIN PROVINCE.  
1934.

A RECENT EARTHQUAKE IN THE SIERRA NEVADA. Ca. 1927.

RECENT PROGRESS IN THE STUDY OF CERTAIN DESERT DEPOSITS  
OF THE GREAT BASIN REGION. "For National Research  
Council." 1927.

RECENT PROGRESS IN GEOLOGY AND SEISMOLOGY IN WESTERN  
UNITED STATES. "Read before the general session AAAS,  
Salt Lake City, Utah." June 12, 1933. 2 copies.

REPORT ON WORK OF THE AUTUM [sic] QUARTER, 1927. By  
Wallace Todd.

REPORT OF PROGRESS, GEOLOGY 110. By W. Todd. 1928.

REVIEW OF AMERICAN OIL FIELDS IN 1920, UNITED STATES.

A REVIEWER REVIEWED.

DIE SCHWARZEN FLÜSSE SÜDAMERIKAS. By Josef Reindl. Münchener  
Geographische Studien, Munich. 1903.

THE SIGNIFICANCE OF GRADES AT STANFORD. May, 1944. 6 copies.

*Eliot* BLACKWELDER FAMILY COLLECTION  
ADDRESSES, ESSAYS, LECTURES, MANUSCRIPTS, REPORTS, cont.

THE SIGNIFICANCE OF COLOR IN SEDIMENTARY DEPOSITS. Dec-  
ember 8, 1921.

THE SIGNIFICANCE OF RAIN PRINTS. February 20, 1941.

THE SOIL MANTLE, WITH SPECIAL REFERENCE TO ARID REGIONS.  
1947.

SOILS FROM STANFORD CAMPUS. By Merrill E. Lake. June  
12, 1926.

STRATIGRAPHIC TERMINOLOGY.

A STUDY OF THE FACTORS WHICH VARY THE WIDTH OF OUTCROPS.

SUBMARINE CANYONS. By Paul A. Smith.

SUGGESTIONS FOR THE IMPROVEMENT OF OUR PETROLOGIC TERM-  
INOLOGY. "Read at GSA." 1923.

*Box # 6* SUMMARY: GEOLOGIC HISTORY OF THE MID-CONTINENT OIL REGION.  
Ca. 1920.

SUMMARY OF RESULTS IN A STUDY OF SAN FRANCISQUITO CREEK  
AND ITS ALLUVIAL FAN, SANTA CLARA VALLEY. By Fred  
Buss.

SUMMARY OF THE PRE-CAMBRAIN ROCKS OF UTAH AND WYOMING.  
May 6, 1935. 9 copies.

TERMINOLOGY OF QUARTZITE.

THE TERMINOLOGY OF THE COARSE SEDIMENTS. By Chester K.  
Wentworth with notes by P. G. H. Boxwell. 1933.  
2 copies.

TERRACES OF THE LOWER COLORADO RIVER. December, 1933.

TERRACES OF THE UPPER COLORADO RIVER. April, 1935.

TEXAS AND LOUISIANA OIL FIELDS. Ca. 1920.

TOPOGRAPHY OF THE GREAT BASIN.

THE VALIDITY OF THE INSOLATION HYPOTHESIS OF ROCK WEATHERING.  
June 6, 1931.

BLACKWELDER FAMILY COLLECTION  
ADDRESSES, ESSAYS, LECTURES, MANUSCRIPTS, REPORTS, cont.

Box # 6 [ THE WASATCH MOUNTAINS REVISITED. "Read in condensed form  
before the Geological Society of America, December  
29, 1924."

WHO SHALL HAVE THE WORLD'S PETROLEUM? August 6, 1958.

(7)

BLACKWELDER FAMILY COLLECTION

ADVERTISEMENTS, PUBLICITY ANNOUNCEMENTS, ETC."

*Box # 6*  
The following include advertisements, fliers, publicity announcements pertaining mainly to geological institutes, organizations, and private companies.

Total of 9 pieces.

## BLACKWELDER FAMILY COLLECTION

BIOGRAPHICAL INFORMATION:

- Aguerrevere, Pedro Ignacio,  
 Curriculum Vitae -- 1 piece
- Blackwelder, Eliot,  
 Stanford University Faculty Record, news clip and  
 lease of 5/73 -- 3 pieces
- Calkins, Frank -- 1 piece
- Davis, William Morris -- 8 pieces
- Frost, Edwin Brant (1866-1935),  
 National Academy of Sciences, Biographical  
 Memoir 1938 -- 1 piece
- Hirschfeld, Dr. Hans E. -- 2 pieces
- Kornfeld, M. M.,  
 Summary of training & experience -- 1 piece
- Levorsen, A. H.,  
 Newspaper clipping, Stanford Daily -- 1  
 piece
- Marshall, R. E. -- 1 piece
- Newsom, John Flesher,  
 Memorial by EB, reprint from GSA Bulletin,  
 Vol. 41, pp. 30-33, Mar. 30, 1930 -- 1 piece
- Paguirigan, \_\_\_\_\_ (?) Mr. -- 1 piece
- Pavlo, Hattie May (Mrs.) -- 1 piece
- Sanhi, Dr. \_\_\_\_\_ (?) of Lucknow Univ., India,  
 1 piece
- Schenk, Hubert G., Prof.,  
 9-24-1897 -- 4 pieces
- Smith, James Perrin, 11-27-1864 / 1-1-1931,  
 Two files -- 71 pieces
- Streit, Clarence K. -- 1 piece
- Sujkowski, Z.G.L., Prof.,  
 Includes 6 photos, plus negatives -- 33 pieces
- Taylor, O. V.,  
 Memo -- 1 piece
- Todd, Wallace -- 5 pieces

BLACKWELDER FAMILY COLLECTION  
BIOGRAPHICAL INFORMATION, Cont.

Ward, Stuart Richardson -- 1 piece

Willis, Bailey, Prof., 5-31-1857 / 2-19-1949,  
 35 pieces

Wood, Harry Oscar -- 2 pieces

Miscellaneous biographical photos:

Include 1 group picture and article "Three Noted  
 Geologists" Dr. H. M. Leighton, Dr. H. Foster  
 Bain, and Prof. Frank W. Wolf

1 - Anters, Ernst -- Aug. 1943

1 - Coleman, A. P.

1 - "Kay and Leighton" -- Aug. 1944

1 - "Geo. Kay and Frank Leverett" -- 1933

1 - Prof. Kobayashi -- 1939

1 - S. Mulley -- July 1927

1 - Prof. Penck (of Berlin), his daughter-in-law,  
 and Mr. Russell

1 - Wolcott, Chas. D.

Box #7

## BLACKWELDER FAMILY COLLECTION

BOOKS:

- Main* — Branson, E. B. and W. A. Tarr, INTRODUCTION TO GEOLOGY, McGraw-Hill Book Company, Inc., New York, 1935.
- Main* — Bretz, J. Jarlen, EARTH SCIENCES: METEOROLOGY, OCEANOGRAPHY, GEOLOGY, John Wiley & Sons, Inc., New York, 1940.
- Dup.* — Chalfant, W. A., DEATH VALLEY: THE FACTS, Stanford University Press, Stanford University, California, 1936.
- Main* — Chamberlin, Thomas C. and Rollin D. Salisbury, INTRODUCTORY GEOLOGY: A TEXT-BOOK FOR COLLEGES, Henry Holt and Company, 1921.
- Main* — Chamberlin, Thomas Chrowder, THE SOLAR FAMILIES: THE SUN'S CHILDREN, The University of Chicago Press, Chicago, 1928.
- Main* — Cotton, C. A., GEOMORPHOLOGY: AN INTRODUCTION TO THE STUDY OF LANDFORMS, Whitcombe & Tombs Limited, London, 1942.
- Dup.* — Croneis, Carey and William C. Krumbein, DOWN TO EARTH: AN INTRODUCTION TO GEOLOGY, The University of Chicago Press, Chicago, 1936.
- Dup.* — Davis, Darrell Haug, THE EARTH AND MAN: A HUMAN GEOGRAPHY, The Macmillan Company, New York, 1942.
- Dup.* — Davis, William Morris, THE CORAL REEF PROBLEM, American Geographical Society, Shaler Memorial Series, New York, 1928. Special publication #9.
- Main* — PHYSICAL GEOGRAPHY, Ginn & Company, Publishers, Boston, 1899.
- Dup.* — Flint, Richard Foster, GLACIAL GEOLOGY AND THE PLEISTOCENE EPOCH, John Wiley & Sons, Inc., New York, 1947.
- Dup.* — Geikie, Archibald (Sir), TEXT-BOOK OF GEOLOGY: Vol I, Macmillan and Co., Limited, London, 1903.
- TEXT-BOOK OF GEOLOGY, VOL. II, Macmillan and Co., Limited, London, 1903.

BLACKWELDER FAMILY COLLECTION  
BOOKS, cont.

- Main* — Gilluly, James, Aaron C. Waters and A. O. Woodford,  
 PRINCIPLES OF GEOLOGY, W. H. Freeman & Company,  
 San Francisco, 1951.
- Main* — Grabau, Amadeus W., A COMPREHENSIVE GEOLOGY: PART I--  
 GENERAL GEOLOGY, D. C. Heath & Co., Publishers, Boston,  
 1920.
- Main* — A COMPREHENSIVE GEOLOGY: PART II--HISTORICAL GEOLOGY,  
 D. C. Heath & Co., Publishers, Boston, 1921.
- Dup.* — Johnson, Douglas, ed., THE ORIGIN OF THE CAROLINA BAYS,  
 Columbia Geomorphic Study No. IV, Columbia Univer-  
 sity Press, New York, 1942.
- Dup* — Lobeck, A. K., GEOMORPHOLOGY: AN INTRODUCTION TO THE STUDY  
 OF LANDSCAPES, McGraw-Hill Book Company, Inc., New  
 York, 1939.
- Main* — Longwell, Chester R., Adolph Knopf and Richard F. Flint,  
 OUTLINES OF GEOLOGY, John Wiley & Sons, Inc., 1937.
- Main* — A TEXTBOOK OF GEOLOGY: PART I--PHYSICAL GEOLOGY, John  
 Wiley & Sons, Inc., New York, 1939.
- Main* — Moulton, Forest Ray, AN INTRODUCTION TO ASTRONOMY, The  
 Macmillan Company, New York, 1916.
- Dup* — Nininger, H. H., ARIZONA'S METEORITE CRATER: PAST, PRESENT,  
 FUTURE, American Meteorite Museum, Sedona, Arizona,  
 1956.
- Main* — Pirsson, Louis V., ROCKS AND ROCK MINERALS: A MANUAL OF  
 THE ELEMENTS OF PETROLOGY WITHOUT THE USE OF THE  
 MICROSCOPE. First Edition. Chapman & Hall, Limited,  
 London, 1910.
- Main* — A TEXTBOOK OF GEOLOGY: PART I--PHYSICAL GEOLOGY,  
 John Wiley & Sons, Inc., New York, 1929.
- Main* — Price, George McCready, THE NEW GEOLOGY, Pacific Press  
 Publishing Association, Mountain View, California,  
 1923.
- Main* — Schuchert, Charles, OUTLINES OF HISTORICAL GEOLOGY,  
 John Wiley & Sons, Inc., New York, 1931.



BLACKWELDER FAMILY COLLECTION  
BOOKS, cont.

- Main* - Schuchert, Charles, A TEXTBOOK IN GEOLOGY: PART II--HISTORICAL GEOLOGY, John Wiley & Sons, Inc., New York, 1924.
- Main* - Shaler, Nathaniel Southgate, MAN AND THE EARTH, Fox, Duffield & Company, New York, 1905.
- Dup* - Shand, S. J., EARTH-LORE: GEOLOGY WITHOUT JARGON, E. P. Dutton & Co., Inc., New York, 1938.
- Main* - Snider, Luther C., EARTH HISTORY, The Century Co., New York, 1932.
- Main* - von Engel, O. D., GEOMORPHOLOGY: SYSTEMATIC AND REGIONAL, The Macmillan Company, New York, 1942.

## BLACKWELDER FAMILY COLLECTION

BULLETINS:

Blackwelder, Eliot, GEOLOGY OF SOUTHERN CALIFORNIA, Bulletin 170, Chapter V, Geomorphology, Division of Mines, San Francisco, Calif., 1954. 1 copy

THE GREAT BASIN WITH EMPHASIS ON GLACIAL AND POSTGLACIAL TIMES, #1 The Geological Background, #2 The Zoological Evidence, #3 Climatic Changes and Pre-White Man (EB and others), Bulletin of the University of Utah, Vol. 38, June 30, 1948, No. 20, Salt Lake City. 1 copy

THE GREAT BASIN WITH EMPHASIS ON GLACIAL AND POSTGLACIAL TIMES, I The Geological Background, University of Utah Research Fund, n.d. 2 copies

THE ORIGIN OF THE CENTRAL KANSAS OIL DOMES, Bulletin of the American Association of Petroleum Geologists, Vol. 4, No. 1, 1920. 2 copies

ORIGIN OF THE COLORADO RIVER, Bulletin of the Geological Society of America, Vol. 45, PP. 551-566, 1934. 8 copies

PLEISTOCENE GLACIATION IN THE SIERRA NEVADA AND BASIN RANGES, Bulletin of the Geological Society of America, Vol. 42, PP. 865-992, 1931. 5 copies

RECONNAISSANCE OF THE PACIFIC COAST FROM YAKUTAT TO ALSEK RIVER ALASKA, Department of the Interior, U. S. Geological Survey, 1907. 1 copy

Berkey, Charles P., Secretary, THE GEOLOGICAL SOCIETY OF AMERICA, Information Bulletin No. 4, New York, Aug. 15, 1932. 1 copy

Gregory, Herbert E. and J. C. Anderson, GEOGRAPHIC AND GEOLOGIC SKETCH OF THE CAPITOL REEF REGION, UTAH" Bulletin of the Geological Society of America, Vol. 50, PP. 1827-1850, 1939. 1 copy

Mayo, Evans B., DEFORMATION IN THE INTERVAL MT. LYELL-MT. WHITNEY, CALIFORNIA, Bulletin of the Geological Society of America, Vol. 52, PP. 1001-1084, 1941. 1 copy

Muller, Siemon Wm. and Henry G. Ferguson, MESOZOIC STRATIGRAPHY OF THE HAWTHORNE AND TONOPAH QUADRANGLES, NEVADA, Bulletin of the Geological Society of America, Vol. 50, PP. 1573-1624, 1939. 1 copy

Box # 8

BLACKWELDER FAMILY COLLECTION

BULLETINS: cont.

Pardee, J. T., GEOLOGY AND GROUND-WATER RESOURCES OF  
TOWNSEND VALLEY, MONTANNA; Department of the Interior  
U.S. Geological Survey, Water Supply Paper #539, 1925.  
1 copy

POPULATION BULLETIN, Population Growth and Economic Development  
in the ECAFE Region -- Part II, Population Reference  
Bureau, Inc., Vol. XVI, No. 2, Mar. 1960. 1 copy

POPULATION BULLETIN, World Population 1960, Population Refer-  
ence Bureau, Inc., Vol. XVI, No. 8, Dec. 1960. 1 copy

POPULATION BULLETIN, Latin America: A Decade of Decision,  
Population Reference Bureau, Inc., Vol. XVII, No. 2,  
April, 1961. 1 copy

Smith, J. Fred, Jr., and Clause C. Albritton, Jr., SOLUTION  
EFFECTS ON LIMESTONE AS A FUNCTION OF SLOPE, Bulletin of  
Geological Society of America, Vol. 52, PP. 61-78, 1941.  
1 copy

Stark, J. T. and J. H. Maxson, RELICT FRACTURE CLEAVAGE IN  
PARASCHISTS, Bulletin of the Geological Society of  
America, Vol. 50, PP. 1529-1534, 1939. 1 copy

Stark, J. T. and V. G. Sleight, STRATIGRAPHY OF THE KNIFE  
LAKE SERIES IN THE KEKEQUABIC-OGISHKEMUNCIE AREA,  
MINNESOTA, Bulletin of the Geological Society of America,  
Vol. 51, PP. 1029-1042, 1939. 1 copy

Swanson, C. O., FLOW CLEAVAGE IN FOLDED BEDS, Bulletin of  
the Geological Society of America, Vol. 52, PP. 1245-  
1264, 1941. 1 copy

Wentworth, Chester K. and J. Edward Hoffmeister, GEOLOGY OF  
ULUPAU HEAD, OAHU, Bulletin of the Geological Society  
of America, Vol. 50, PP. 1553-1572, 1939. 1 copy

BUSINESS CARDS:

4 pieces

CLIPPINGS:

Clippings taken from magazines and newspapers pertaining  
to geologists and to Leland Stanford University.

21 pieces

ok # 8

Box # 9

## BLACKWELDER FAMILY COLLECTION

CORRESPONDENCE:

The following include correspondence between Eliot Blackwelder, referred to hereafter as EB, and the following: Chas. C. Adams, Justin Blackwelder, Fred Buss, Perry Byerly, Arthur Crawford, Wellington D. Jones, Rollins Mac Fadyen, W. C. Mendenhall, H. H. Nininger, Elmo Roper, Gov. Earl Warren, Bailey Willis and others. During the years 1903-1904, EB frequently corresponded with his wife and family while doing geological research in China. Previous to 1920, much of his correspondence pertained to his work with the United States Geological Survey. Almost all correspondence prior to EB's retirement in the late 1940's, is related to his geological work with Harvard University, University of Illinois, Leland Stanford University, and the Geological Society of America. Following the 1940's EB's correspondence had mainly to do with his activities in the Palo Alto, California chapter of the Atlantic Union Committee.

<u>Year</u>	<u>Number of Pieces</u>
1903	154
1904	116
1905	14
1907	5
1908	1
1909	4
1910	4
1913	3
1914	1
1915	9
1916	19
1917	2
1919	1
1921	2
1922	34
1923	28
1924	29
1925	84
1926	209
1927	184
1928	8
1929	10
1930	75
1931	40
1932	53
1933	37
1934	17
1935	27
1936	25

Box # 9

Box # 10

Box # 11

BLACKWELDER FAMILY COLLECTION  
CORRESPONDENCE, cont.

	<u>Year</u>	<u>Number of Pieces</u>
Box 11	1937	13
	1938	54
	1939	304
Box 12	1940	224
	1941	252
Box # 13	1942	294
	1943	119
Box # 14	1944	422
	1945	373
Box # 15	1946	437
	1947	538
Box # 16	1948	313
	1949	359
Box # 17	1950	278
	1951	261
Box # 18	1952	227
	1953	108
Box # 19	1954	233
	1955	215
Box # 20	1956	259
	1957	178
Box # 21	1958	129
	1959	83
Box # 22	1960	81
	1961	26
Box # 22	1962	61
	1963	69
	1964	1

CORRESPONDENCE CROSS REFERENCES AND MEMORANDA:

See also CORRESPONDENCE.

1920-1929	3 pieces
1930-1939	13 pieces
1940-1949	178 pieces
1950-1959	19 pieces
1960-1963	14 pieces
Undated	6 pieces

BLACKWELDER FAMILY COLLECTION

FILE FOLDERS:

The following contain bibliographies, correspondence, charts, diagrams, logs, maps, notes, pamphlets, photographs, etc. pertaining to the following topics:

Ages of topography  
4 pieces

American Association for the Advancement of Science  
13 pieces

American Association of Petroleum Geologists  
15 pieces

American Geographical Society  
4 pieces

American Geophysical Union  
3 pieces

American Geological Institute  
6 pieces

Association of American Geographers  
19 pieces

Atlantic Union Committee  
3695 pieces in 27 folders

Atlantic Union Committee

Batholith paper  
3 pieces

File Folders

Disposition:

Batholith problem  
3 pieces

FF#1 - 3 Box # 23

Black and grey series  
12 pieces

FF#4 - 7 " " 24

Black rocks  
3 pieces

FF#8 - 12 " " 25

Blackwelder, Eliot, 1943  
15 pieces

FF#13 - 17 " " 26

FF#18 - 21 " " 27

Blackwelder, Eliot--Courses  
22 pieces 1941-1942

FF#22 - 25 " " 28

FF#26 + 27 " " 29

Body movements and sedimentation  
2 pieces

Box # 23

Box # 23 thru Box # 29

\* See attached note for disposition

Box # 29

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Books and papers lent  
 8 pieces

Branner Library  
 12 pieces

Branner Memorial Association  
 3 pieces

British Glaciological Society  
 8 pieces

Buss, Walter R.--Writings  
 299 pieces

California deserts  
 2 pieces

California. State mining board  
 4 pieces

Car accident, 1959  
 27 pieces

Carboniferous deposits  
 3 pieces

Chalk  
 15 pieces

Chemical data  
 8 pieces

Cherts  
 8 pieces

Classification of sedimentary features  
 17 pieces

Clays and soils  
 4 pieces

Climatic control  
 7 pieces.

Coal measure type  
 5 pieces

Collections  
 11 pieces

Box # 27

Box # 30

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Color chart (Minerals)  
5 pieces

Crawford, Arthur L.  
4 pieces

Current research, 1953-1954  
89 pieces

Debris erosion  
14 pieces

Deltas  
6 pieces

Department accounts for August 31, 1927  
65 pieces

Desert basins of the southwest United States  
3 pieces

Desert physiography  
4 pieces

Desert sediments  
3 pieces

Deserts  
10 pieces

Diagenesis  
8 pieces

Diatomites  
3 pieces

The doctorate  
3 pieces

Dolomite, Bighorn  
45 pieces

Dolomites  
7 pieces

Earthquake damage, California, 1947  
2 pieces

Box # 30

Box # 31



BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Earthquakes  
6 pieces

Edaphic faunas  
16 pieces

Emeriti, 1946-1947  
2 pieces

Emeriti, 1958-1959  
18 pieces

Eocene sandstone  
7 pieces

Eolian deposits in southwestern United States  
3 pieces

Exfoliation  
60 pieces

Experiments  
3 pieces

Faculty advisory board, ca. 1945  
31 pieces

Faculty forum, 1944  
33 pieces

Faculty forum, 1946-1947  
24 pieces

Fault scarp literature  
20 pieces

Fault scarps  
48 pieces

Federation of American Scientists Committee for Foreign  
Correspondence  
44 pieces

Fort Collins oil field  
2 pieces

Geological congress, 1948  
43 pieces

Geological Society of America  
100 pieces

Box # 31

Box # 32

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Geological Society of America--Abstracts  
13 pieces

Geological Society of America--Circular letters to the  
council, 1930-1934  
59 pieces

Geological Society of America--Guidebook  
21 pieces

Geological Society of America--Meeting in Berkley, 1939  
2 pieces

Geological Society of America meetings  
16 pieces

Geological Society of London  
2 pieces

Geology I, Summer 1943  
5 pieces

*Box # 32*  
Geology I, Winter, 1944  
7 pieces

Geology I, Winter, 1945  
7 pieces

Geology 10, Spring, 1944  
15 pieces

Geology 14, Fall, 1944  
20 pieces

Geology--Arizona  
9 pieces

Geology--Arizona and Utah  
1 piece

Geology--California  
5 pieces

Geology--China  
10 pieces

Geology--Mexico and Central America  
7 pieces

Geology--Nevada  
22 pieces

Geology--Oklahoma  
3 pieces

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Geology--Teaching  
1 piece

Geology--Utah  
12 pieces

Box #32  
Geology--Wasatch region  
67 pieces

Geology--Wisconsin, Southern  
32 pieces

Geology--Wyoming, 1925  
1 piece

Geology--Yosemite region  
167 pieces

Geology--Yukon Valley  
68 pieces

Geomorphology group  
34 pieces

Geomorphology 53, Fall, 1942  
10 pieces

Geomorphology 53, Fall, 1943  
16 pieces

Glaciation--Sierra and Wasatch regions  
15 pieces

Glaciation--Sierra Nevada  
68 pieces

Box #33  
Glaciation--Western United States  
15 pieces

Glaciological Society, London  
1 piece

Graywacke  
1 piece

Green sand  
5 pieces

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Hailey, Idaho, 1912  
14 pieces

Harvard University, 1921-1922  
3 pieces

The Hutchinson Company  
8 pieces

Insolation  
57 pieces

Institute of World Affairs, 1958  
25 pieces

International Geological Congress, 1948  
19 pieces

Kern River scarp  
3 pieces

Laboratory studies  
49 pieces

Laboratory study of sediments  
8 pieces

Lake studies  
3 pieces

Landslides  
4 pieces

Lassen Peak district, California  
18 pieces

Le Conte Club  
7 pieces

Lectures  
7 pieces

Limestones  
4 pieces

Loess  
8 pieces

London, 1948  
37 pieces

Box #33

Box #34

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Mansoor sculpture  
17 pieces

Maps--Lists  
7 pieces

Marine clastics  
14 pieces

Medicine Bow Mountains, 1917  
28 pieces

Medicine Bow report  
24 pieces

Meteor Crater, Arizona  
102 pieces

Meteorites  
7 pieces

Mudflows  
12 pieces

Natural resources  
4 pieces

Next field trip  
2 pieces

Oceanic muds  
6 pieces

Oil shale report, 1918  
48 pieces

Oolites and Cg. limestone  
10 pieces

Origin of structures  
14 pieces

Pacific Science Congress, 1939  
42 pieces

Peninsula Geological Society  
18 pieces

ex # 34

Box # 35

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Penrose Medal, pre-1936  
11 pieces

Penrose Medal, 1939  
1 piece

Petroglyphs  
22 pieces

Phosphates  
4 pieces

Phosphatic manuscript, 1922  
14 pieces

Phosphorite literature  
54 pieces

Phosphorite nomenclature  
34 pieces

Phosphorites  
29 pieces

Photography, Geological  
30 pieces

Playas  
2 pieces

Pleistocene lakes of the Afton Basin, 1935  
4 pieces

Pre-Cambrian rocks of Utah  
23 pieces

Private collection  
126 pieces

Pyroclastics  
3 pieces

Red beds  
23 pieces

Research file, 1925-1926  
12 pieces

Box # 35

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Research file, ca. 1930  
6 pieces

Research plan  
19 pieces

Results of lab study of lake deposits from southwestern U.S.  
34 pieces

*Bx #35*  
Reviews  
7 pieces

Rocky Mountain origins  
6 pieces

Riverside conference, December 12-15, 1954  
13 pieces

Rubble stripes--Field data  
7 pieces

San Andreas Fault  
10 pieces

Searles Lake area, California  
33 pieces

Sedimentation  
27 pieces

Sedimentation, Chemical  
37 pieces

Sedimentation--Color  
2 pieces

*Bx #36*  
Sedimentation conference  
2 pieces

Sedimentation references  
120 pieces

Sedimentation terminology  
21 pieces

Seismological Society of America  
65 pieces

Speeches  
54 pieces

BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Box #36 [  
Speeches on world affairs  
7 pieces

Stanford University, 1922  
13 pieces

Stanford University--Newsletters  
13 pieces

Still water depositon  
5 pieces

Students, Spring, 1944  
16 pieces

Students, Winter, 1945  
6 pieces

Box #37  
Subcommittee on distributed minors  
4 pieces

Talus gores  
14 pieces

Talus in the Great Basin  
2 pieces

Teaching of science  
8 pieces

Technique  
7 pieces

Terminology  
6 pieces

Tropical climate  
9 pieces

United States Geological Survey, Washington, D.C.  
37 pieces

University of Chicago, Office of the Registrar  
2 pieces

Utah Agricultural College, Logan, Utah  
48 pieces

Utah Geological Society  
2 pieces



BLACKWELDER FAMILY COLLECTION  
FILE FOLDERS, cont.

Volcanic ash in the Great Basin  
2 pieces

Wave and current action  
2 pieces

Weathering  
20 pieces

World War, 1939-1945--Military research  
5 pieces

Wyoming--Guidebook, 1950  
6 pieces

Yardangs and sastrugi  
34 pieces

FINANCIAL RECORDS:

The following include miscellaneous invoices and receipts.

4 pieces.

Box # 37

BLACKWELDER FAMILY COLLECTION

LANTERN SLIDES:

Wherever there has been a coding identification, the code has been used in arranging and identifying the slides. The slides deal with geological locations, maps, charts, diagrams, structures, etc. See also file titled Lantern slide codes. The slides are grouped as follows:

I.A. Petrology, Igneous  
26 slides picturing a variety of rock and mineral samples.

I.B. Petrology, Sedimentary  
17 slides picturing various forms of crystal, tillite, limestone and other structures.

I.C. Petrology, Volcanism  
11 slides picturing, formations of granite, various types of slate, lava flows, etc.

II.A. Physiography, Volcanism  
45 slides taken in the following locations.

- |                  |                  |
|------------------|------------------|
| Alaska           | La Soufriere     |
| Arizona          | Martinique       |
| Bogoslav volcano | Mono Lake (CA.)  |
| California       | Mt. Shasta       |
| Cascade range    | Mt. Veseuvius    |
| Colorado         | Oregon           |
| Hawawii          | Peru             |
| Idaho            | San Juan Mtns.   |
| Italy            | Shishaldin       |
|                  | Table Mtn. (CA.) |

II.B. Physiography, Diastrophism  
43 slides taken in the following locations

- |            |        |
|------------|--------|
| Alaska     | Nevada |
| California | Oregon |
| Chile      | Utah   |
| China      |        |

II.C. Physiography, Ground Water  
57 slides taken in the following locations

- |            |             |
|------------|-------------|
| California | New England |
| England    | Virginia    |
| Kentucky   | Wyoming     |

II.D. Physiography, Weathering  
45 slides taken in the following locations

- |            |               |
|------------|---------------|
| Alaska     | Guinea        |
| California | Massachusetts |
| Brazil     |               |

Lantern  
Slide  
Box  
oversized  
#1 ✓

PHOTO  
ARCHIVES

all lantern  
slide boxes (1-10)  
sent to photo  
archive  
ab7-16

Lantern  
slide  
Box  
oversized  
#2 ✓

PHOTO  
ARCHIVES

BLACKWELDER FAMILY COLLECTION  
LANTERN SLIDES: Cont.

II.E. Physiography, Gravity

66 slides taken in the following locations

- |            |            |
|------------|------------|
| Alaska     | Persia     |
| California | Utah       |
| Canada     | Washington |
| Colorado   | Wyoming    |
| Nevada     |            |

antenn  
slide  
Box 2  
with  
#F splits

II.F. Physiography, Streams

153 slides taken in the following locations

- |            |                |
|------------|----------------|
| Alaska     | New Mexico     |
| Arizona    | New York       |
| California | North Carolina |
| Colorado   | Oregon         |
| Egypt      | South Carolina |
| Florida    | South Dakota   |
| France     | Switzerland    |
| Germany    | Tennessee      |
| Hawawii    | Texas          |
| Idaho      | Utah           |
| Illinois   | Washington     |
| Nevada     | West Virginia  |
| New Guinea | Wyoming        |
| New Jersey |                |

PHOTO  
ARCHIVES  
antenn  
slide  
Box # 3  
oversized

II.FL. Floods

7 slides taken in the following locations

- |             |          |
|-------------|----------|
| California  | Oklahoma |
| Connecticut | Utah     |

category  
split  
cont.

II.G. Physiography, Glaciers

165 slides taken in the following locations

- |                  |                |
|------------------|----------------|
| Alaska           | Nevada         |
| Antartica        | New Hampshire  |
| Austria          | New York       |
| British Columbia | Norway         |
| British Isles    | Ohio           |
| California       | Switzerland    |
| Colorado         | Utah           |
| Germany          | Washington     |
| Greenland        | Wisconsin      |
| Idaho            | Wyoming        |
| Massachusetts    | Yukon (Canada) |
| Montanna         |                |

Lantern  
slide  
Box #3  
oversized  
Lantern  
slide  
Box #4  
oversized  
4 cont.

II.H. Physiography, Wind

43 slides takine in the following locations

- |            |               |
|------------|---------------|
| Arizona    | Massachusetts |
| Bermuda    | Nevada        |
| California | Utah          |
| Colorado   | Wyoming       |

PHOTO  
ARCHIVES  
Lantern  
slide  
Box #5  
cont. #14  
III - A

(31)  
BLACKWELDER FAMILY COLLECTION  
LANTERN SLIDES: Cont.

II.I. Physiography, Waves and Currents  
87 slides taken in the following locations

Alaska	Newfoundland
Antarctica	New Guinea
Brazil	New Jersey
California	New York
Cuba	Utah
Maine	Virginia
Michigan	Wyoming
Nevada	

II.J. Physiography, Still Water  
18 slides taken in the following locations

Alaska	New Guinea
Brazil	Utah
China	Virginia
Florida	

III.A. Structure, Sedimentary  
49 slides taken in the following locations

California	Oregon
Montanna	Pennsylvania
Nevada	Utah
New York	Wisconsin
North Dakota	Wyoming

III.B. Structure, Sedimentary  
23 slides taken in the following locations

California	Montanna
Chile	New Jersey
Colorado	New Mexico
Egypt	Oregon
Maine	Wyoming

III.C. Structure, Fracture  
65 slides taken in the following locations

Alaska	New York
Arizona	North Carolina
California	Vermont
Colorado	Wisconsin
Nevada	Wyoming

III.D. Structure, Folds  
76 slides taken in the following locations

Alaska	Pennsylvania
Antarctica	Scotland
California	Siberia
Greenland	Texas
Indiana	Utah
Maryland	Vermont
Missouri	W. Virginia
New Guinea	Wyoming
New Mexico	

Lantern  
Slide  
Box #5 ✓

PHOTO  
ARCHIVES

Lantern  
Slide  
Box #6 ✓

III 2 COPIES

BLACKWELDER FAMILY COLLECTION  
LANTERN SLIDES: Cont.

III.E. Other Structures

1 slide taken in the following location  
 Montana

III.F. Charts, graphs, maps

12 slides taken in the following location  
 Italy

IV.A. Paleontology, Plants

18 slides taken in the following locations  
 California Oregon  
 Java Wyoming

IV.B. Paleontology, Invertebrates

26 slides taken in the following locations  
 India  
 Maryland

IV.C. Paleontology, Vertebrates

101 slides taken in the following locations  
 Africa South America  
 California South Dakota  
 France Utah

V.A. Economic Geology, Metallic

29 slides taken in the following locations  
 Colorado Central Siberia  
 Tonapah (Nevada) Ural Mtns. (Russia)

V.B. Economic Geology, Petroleum, Coal

16 slides taken in the following locations  
 California Oklahoma  
 Colorado Texas  
 Kansas

V.C. Economic Geology, Other nonmetals

9 slides taken in the following locations  
 Russia  
 (some unnamed as for location)

VI. Historic Geological

14 slides taken in the following locations; includes  
 diagrams, maps, events, etc.  
 Yang-tze River, China, B.C.

VII. Geologists

12 slides taken of the following geologists  
 L. Agassiz Karpinsky  
 W. Ashburner C. King  
 C. Averill Lyell  
 W. H. Brewer Murchison  
 J. G. Cooper William Smith

PHOTO  
 ARCHIVES

Lantern  
 Slide  
 Box #8

BLACKWELDER FAMILY COLLECTION  
LANTERN SLIDES:

VII. Geologists: cont.

d'Orbigny	J. B. Trask
Dana	Von Buch
W. M. Gabb	Werner
Hall	
C. F. Hoffman	

Group of Six "The Immortal Few"  
 J. D. Whitney,  
 State Geologist  
 Chas. F. Hoffman,  
 Principal Topographer  
 Wm. H. Pettee  
 Cerairu (?)  
 J.C.A. Rabe (1871)

VIII. Astronomy, Meteorology, Climatology  
 22 slides picturing rainfall maps, flash spectrum,  
 sub Arctic forest, Saturn, Kingston meteorite etc.

IX. Localities

46 slides picturing geological maps, diagrams, etc  
 taken in the following locations

California	Nevada
Florida	Oregon
Georgia	Utah

X. Miscellaneous

14 slides picturing a variety of groups of geological  
 subjects taken in the following locations

California	New Guinea
Palo Alto	South Carolina
San Francisco	
San Lucas Canyon	

XI. Maps

33 slides picturing the following locations

Arizona	Mono Lake
Asia	New Mexico
Eastern United States	N.W. Europe
European Russia	N. Appalachians
Massachusetts	Utah
	Wisconsin

XII. Oregon

4 slides picturing the following locations  
 Sections at Eugene & Yaquina  
 Liardu County  
 Lincoln County  
 Moody

Lantern  
Slide  
Box #8

PHOTO ARCHIVES

Lantern  
Slide  
Box #9

BLACKWELDER FAMILY COLLECTION  
LANTERN SLIDES: Cont.

The following are coded using an alphabetical system. They include the following locations and prevalent topics as listed.

- a.  
7 slides taken in the following locations  
Alaska                      Sudan  
Egypt                        White Mtn. Range and Flats  
Klondike & Yukon  
Rivers

- b.  
2 slides taken in the following locations  
Upper Egypt                San Benito Valley, Calif.

- c.  
2 slides taken in the following locations  
Upper Egypt                Nevada

- d.  
1 slide taken in the following location  
Hoxne, Suffolk, England

- e.  
2 slides taken in the following locations  
Colorado                    Ipswich England

- E.B. (Eliot Blackwelder) (Personal Slides)  
79 slides taken in the following locations, include multiple subjects, locations, misc. charts, etc.  
California                   Nevada  
Egypt                        Wyoming  
Finland

- f.  
1 slide picturing flint implements in the following location  
High Lodge, Suffolk, England

- g.  
1 slide picturing ancient potholes etc. in the following location  
Nile, Sudan

- KK.  
2 slides picturing steep walled gully, etc. in the following location  
west of Madison Wisconsin

- O. (Orogenic related)  
8 slides taken in the following locations  
East and Western        North America  
United States

Lantern  
Slide  
Box #9

BLACKWELDER FAMILY COLLECTION  
LANTERN SLIDES: Cont.

P.  
1 slide picturing a glacial drift in the following location  
Washington

RB.  
10 slides in the following location  
Big Horn Mtns., Wyoming

RL.  
9 slides in the following locations  
Bufford                      Medicine Bow Range, Wyo.  
Laramie

RT.  
5 slides in the following locations  
Gros Ventre              Tetons and Wasatch Ranges

S.  
17 slides picturing various subjects including rock formations,  
disconformities, weathering, etc. in the following locations  
Wind River, Wyo.  
Wisconsin

T.  
2 slides picturing terrace gravels, etc. and rocks by close  
folding taken in the following location  
Big Horn Mtns., Wyoming

W.  
8 slides taken in the following locations  
South Fork of Oak, Sierra Front  
South Fork, Thibaut Creek

Wr.  
24 slides (Wr means Wind River) taken in the following  
locations  
Big Horn Canyon              Owl Creek  
Green River Lake              Popo Agie River  
Gros Ventre                      Wind River

The following are miscellaneous groups. Some are coded by  
seals system, others identified by typed strips, some only  
partially identified (either subject or location). There  
are six groups. They include various subjects such as  
maps, diagrams, rock formations opalized wood etc.  
105 slides taken in the following locations.

Big Horn Mtns., Wyo.	Pacific Grove
California	Potomac River
Capitol Bldg., Wash., D.C.	
Germany	San Francisco
King's River	San Juan
New Jersey	San Luis Obispo
New Mexico	Wadi Halfa-Sudan
	Wyoming

Lantern  
Slide  
Box #9

PHOTO ARCHIVES

Lantern  
Slide  
Box #10



BLACKWELDER FAMILY COLLECTION

LANTERN SLIDE CODES:

Box # 38

- Index A -- Alphabetical listing
- Index B -- Alphabetical listing
- Numerical Listing
- Lantern Slide Classification (carbon & xerox copy)

## BLACKWELDER FAMILY COLLECTION

LISTS, CHARTS, OUTLINES, ETC.:Academic lists

The following include lists of alumni, students, courses, and university activities, mainly at Leland Stanford University. Dated between 1948 and 1966.

23 pieces

Bibliographies and indices (Unpublished)

Typewritten lists of references (papers themselves not included) and lists of papers on a give topic (e.g.: "Papers on Fishes of the Great Basin Region, etc.") See also Publishing lists, under LISTS, CHARTS, OUTLINES, ETC.

7 pieces

Charts and tables

For geological use, on such topics as elevations from vertical angles, topographical map symbols, etc. Also included are a stratigraphic chart and results of depth sampling of "Megascopic and Microscopic Fauna From a Ventura Co. Well".

8 pieces

Mailing and membership lists

See also CORRESPONDENCE CROSS REFERENCES AND MEMORANDA.

2 sets catalogue cards

Lists of subjects placed under personal names and addresses. Subjects apparently pertain to geological material sent to these names.

162 pieces

1 folder miscellaneous mailing and membership lists

Lists for such organizations and matters as the Geologische Vereinigung, the Geological Society of America, the Sixth Pacific Science Congress (1939), the Central Location Index, Inc., and the American Association of University Professors.

24 pieces

Bex # 38

BLACKWELDER FAMILY COLLECTION  
LISTS, CHARTS, OUTLINES, ETC., cont.

Outlines

See also ADDRESSES, ESSAYS, LECTURES, MANUSCRIPTS, REPORTS. All concerning geological publications.

4 pieces

Publications lists

Lists of publications released by such geological institutions as the U.S. Geological Survey, the Geological Society of America, the Carnegie Institution of Washington, the Geological Survey of China, and the Utah Geological and Mineral Survey.

9 pieces

Miscellaneous lists

1 set catalogue cards

Listings for such topics as Eliot Blackwelder's photograph files, rock and mineral field specimens, and laboratory test results. Incomplete.

153 pieces

1 folder miscellaneous lists

Papers listing such matters as: "Essentials of a Good University Teacher", "Missing Maps", "Department of Geology Equipment", etc. Included also are a list titled "Chicago Radiocarbon Dates, IV", and a log of "Coaldale Merger Oil Company, Coaldale, Nevada".

14 pieces

Box # 38

## BLACKWELDER FAMILY COLLECTION

MAPS:

Include mainly topographical maps, many with geological notations by EB. Some geological maps, both printed and hand drawn. Some have had sections cut out, presumably for field use. Most are dated circa 1900-1920. Locations as follows:

## Canada

## British Columbia

Beaverdell, Yale--1 map

Texada Island--1 map

## Nova Scotia--1 map

## Ontario

Algoma, Sudbury and Timiskaming--1 map

## Yukon

White Horse--1 map

## China

Manchuria--1 map

Mongolia--1 map

## Switzerland

Simmenthal--1 map

## South America--2 maps

## United States--2 maps

## Alaska

Forty Mile Quadrangle--1 map

Yukon-Tanana region--1 map

Arizona--1 map (See also Utah & Arizona under MAPS.)

Casa Grande Valley and Phoenix district--1 map

Gila Butte Quadrangle--1 map

Meteor Crater--3 maps

Patagonia Quadrangle--1 map

Sacaton Quadrangle--1 map

Tucson Quadrangle--1 map

## California--2 maps

Big Bar and vicinity--1 map

Dardanelles Quadrangle--3 maps

Kern County--1 map

San Francisco Bay coastal area--1 map

San Jose Quadrangle--1 map

Box # 39

BLACKWELDER FAMILY COLLECTION  
MAPS, cont.

California and Nevada--2 maps  
Markleeville sheet--1 map  
Mohave and Colorado Deserts--1 map

Colorado  
Platte Canyon sheet--1 map

Idaho--1 map (See also Washington and Idaho under MAPS.)

Indiana--1 map

Box #39  
Kansas--1 map

Massachusetts  
Harvard University, Cambridge--1 map

Nevada (See also California and Nevada under MAPS.)  
Mount Moses Quadrangle--1 map

New Mexico  
Alamo National Forest and vicinity--1 map  
Tularosa Basin--1 map

Oklahoma  
Ouachita Mountains--1 map

Oregon--1 map

Tennessee  
Pikeville special Quadrangle--1 map

Texas--3 maps

Utah--1 map  
Coalville Quadrangle--2 maps

Box #40  
Utah and Arizona--3 maps

Utah and Wyoming  
Ashley National Forest--1 map

Washington  
Chelan Quadrangle--1 map  
Malaga Quadrangle--1 map  
Methow Quadrangle--1 map  
Mount Stuart Quadrangle--1 map  
Okanogan Quadrangle--1 map

Washington and Idaho  
Northern Pacific Islands--2 maps

BLACKWELDER FAMILY COLLECTION  
MAPS, cont.

Wisconsin

Poynette Quadrangle--1 map

Wyoming--2 maps

Eastern Wyoming--1 map

Western Wyoming--1 map

Cloud Peak Quadrangle--1 map

Dayton Quadrangle--1 map

Fort Steele sheet--1 map

Hayden National Forest--1 map

Medicine Bow National Forest--1 map

Sherman Quadrangle--1 map

North half--2 maps

South half--2 maps

Box # 40

## THE BLACKWELDER FAMILY COLLECTION

NEGATIVES: This includes all 3" x 4" film negatives from E. Blackwelder - originally in individual envelopes with descriptions, numbers etc. typed on each. All have been transferred to glossy envelopes with original description taped to each. These are in small groups as noted.

Year	Numbers	Location/Description etc.	Count
1926	440-525	Calif., Ariz., and Nev.	67
1927	526-700	Calif., and Nev.	153
1928	701-822	Calif., Nev., and Wyo.	90
1929	823-881	Tex., N. Mex., Ariz., N.Y., Calif.	55
1929	882-977	Calif., Nev. and Utah	82
1930	978-1063	Calif., Wash. Ariz. and Nev.	74
1930	1064-1134	Calif.	63
1931	1134-1186	Calif.	50
1932	1187-1259	Calif., Wash., Nev., and Oreg.	74
1932 (Nov.)	{ Z1260	} Calif., Ariz., Utah and Nev.	88
1933 (Sept.)	{ Z1351		
1934	1352-1394	Calif., Nev., Ariz. and Utah	44
1935	1395-1499	Mex., Ariz., Calif., Nev., Utah, Wyo., Oreg., and Wash.	110
1937	1503-1584	Scotland, Eng., Greece, Egypt	61
1939	1607-1645	Calif. and Nev.	38
nd	unnumbered	Mendota (& Family)	19
1907	unnumbered	Wyo. (1 print & 6 neg.)	7
nd.	unnumbered	China (1 print & 24 neg.)	25
1943	1646-1650	Calif.	5

NEGATIVES: Miscellaneous Identified:

Ident: Family & Misc. scenes from Aug. 1926 thru 1953  
12 groups

Ident: Animal deposits from the Irish Sea, Linguates, Cross  
Section Brooks Salt dome, Los Angeles Basin geology  
and Oil deposits, Maps, and Extras. 7 groups

Unidentified: Glass slides, lantern slides, negatives. 3  
groups.

Ident: From H. Ries (Georgia), Delmar L. Powers, Montanna  
Nev., New Mexico, Utah, Washington, Wisc., Oregon,  
Utah, Arizona, Calif. Wyoming, Specimens, and Misc.  
Unidentified, and Kern Model. 23 groups.

Box # 41  
Photo  
Box

Box # 42  
Photo  
Box

Box # 43  
Photo

## BLACKWELDER FAMILY COLLECTION

NOTES:

All notes apparently by Eliot Blackwelder, unless otherwise stated.

Field notes

7 binders containing formal indexed geological notes pertaining to the following locations: Arizona, California, Colorado, Death Valley, Egypt, England, Europe, Idaho, Indians, Kansas, Lake Tahoe, Mohave Desert, Mono Lake, Montana, Mt. Shasta, Nevada, New York, Oregon, San Francisco Bay Area, Sierra Nevada, Sudan, Texas, Utah, Yosemite Valley, Washington, Wyoming. The binders are dated as follows:

Box # 44 → 1919-1926  
 Box # 45 → July 16, 1927 - May 24, 1930  
 Box # 46 → May 29, 1930 - June 18, 1933  
 Box # 47 → June, 1933 - March, 1935  
 Box # 47 → September, 1936 - August, 1937  
 Box # 48 → March, 1935 - June, 1936 and 1938-1947  
 Box # 48 → March, 1949 - April, 1955

21 groups of geological field notes on the following topics:

Big Horn Mountains, Wyoming. 1902.  
 2 notebooks  
 China notes. 1 binder. Ca. 1904.  
 Parts have been photocopied, apparently replacing original notes.  
 Europe and Egypt. 1936-1937.  
 1 folder.  
 Fossils. 1906-1907  
 1 notebook. Notes taken in Illinois, Iowa, and Wisconsin.  
 Gros Ventre Range, Wyoming. 1911.  
 1 notebook. By C. W. Tomlinson.  
 Kansas-Oklahoma. 1919.  
 1 binder.  
 Laramie-Sherman Quadrangles, Wyoming. 1907-1908.  
 1 binder  
 Logan, Utah. 1924.  
 1 binder  
 Medicine Bow Mountains, Wyoming. 1917  
 1 binder  
 Medicine Bow National Forest, Wyoming. 1917  
 1 binder  
 Reconnaissance of Oil Shale Deposits in Colorado, Utah, Nevada and Wyoming. 1918. 1 binder

Box # 49

Box # 50



BLACKWELDER FAMILY COLLECTION  
Field Notes: geological cont.

- Redwood City Water Tunnel. 1928  
1 binder
- Teton Range, Wyoming. 1912.  
1 binder
- U. S. Geological Survey Mine Notes. n.d.  
1 notebook
- U. S. Geological Survey. Party of Eliot Blackwelder, 1911.  
By C. W. Tomlinson. 1 binder
- Wasatch Mountains, Utah. 1909.  
1 binder
- Wasatch Mountains, Utah. 1909.  
By M. A. Becker. 1 binder
- Wasatch Mountains, Utah. 1909  
By John M. Jessup. 1 binder
- Wisconsin. 1901.  
1 binder
- Wyoming, Western. 1910.  
1 binder

Box # 50

Box # 51

Speech notes:

- 1 folder notes for geological speeches.

Miscellaneous notes:

- 1 folder containing 5" x 7" cards of notes on properties of various rocks and minerals, geological areas, and specific specimens. Total of 15 pieces.
- 1 folder geological, teaching and personal notes. Total of 98 pieces.

ORGANIZATIONAL CONSTITUTIONS AND BYLAWS:

Box # 52

Pertain to political and scientific organizations.

5 pieces

BLACKWELDER FAMILY COLLECTION

PAMPHLETS:

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,  
Circa 1955.

ASSOCIATION OF AMERICAN GEOGRAPHERS, Constitution and  
By Laws, Names and Addresses of Members, April 1, 1922.

A BRIEF STUDY OF SOME FACTS AND MANY NOT-FACTS REGARDING  
CHINA AND UNITED STATES CHINA POLICY, by Stanley K.  
Hornbeck, n.d.

CHRISTIANS IN A WORLD SOCIETY, M. M. Wingate, The Wyndham  
Place Trust, London, W. 1, n.d.

QUESTIONS IN GENERAL GEOLOGY, Williams College, n.d.

ROAD TO RECOVERY THROUGH WORLD STUDENT RELIEF, circa 1947-48.

WORLD GOVERNMENT, by Group Capt. H. A. Williamson, C.M.G.,  
A.F.C., circa July, 1960.

YOUNG AMERICANS FOR FREEDOM, INC., n.d.

YOUR OPINION COUNTS, Dept of State, United States of America,  
General Foreign Policy Series 93, Released Nov. 1954.

Doc  
Box #52

BLACKWELDER FAMILY COLLECTION

PERIODICALS AND SERIALS:

- THE BUTTERFLY MAP, Published by B.S.A. Cahill Architect,  
Oakland, Calif. n.d. 1 copy
- THE DEMOCRATIST, Published by Operation Counterforce, San  
Francisco, California, n.d. 1 copy
- THE ENGLISH-SPEAKING WORLD, Jan. 1953. 1 copy
- THE ENGLISH-SPEAKING WORLD, Vol. XXXIX, No. 1, Jan. 1957.  
1 copy
- ESCP Newsletter NL-1, Oct. 1963. (Earth Science Curriculum  
Project. 1 copy
- IV CONGRESSO INTERNAZIONALE INQUA (Rome - Pise) Sept. 1953.  
1 copy
- FREEDOM & UNION, July-August 1952. 1 copy
- FREEDOM & UNION, February 1952. 1 copy
- FREEDOM & UNION, October 1957. 1 copy
- FREEDOM & UNION, May 1959. 1 copy
- THE GEOLOGICAL SOCIETY OF AMERICA, Geomorphology Newsletter  
#5, July 1959. 1 copy
- GEOLOGICAL DEPARTMENT NEWS LETTER, Number 6, Aug. 1, 1945.  
Three copies
- HOW MUCH MILITARY POWER IS ENOUGH, Seymour Melman, Source:  
Analysis of Federal Activities by Function, from the  
Budget of the U. S. Government, June 30, 1964. 1 copy
- JAPAN'S RECOVERY THROUGH HER NATURAL RESOURCES, Nov. 15, 1950.  
1 copy
- JOURNAL OF THE WASHINGTON ACADEMY OF SCIENCES, Vol. IV, No. 15,  
Sept. 19, 1914. Two copies
- KING-HALL NEWS LETTER, No. 1177 of Feb. 11, 1959. 1 copy
- THE NATIONAL SUMMER SCHOOL, June 9 to Aug. 29, 1924. 1 copy
- THE NATURE OF GEOLOGICAL INQUIRY AND THE TRAINING REQUIRED  
FOR IT, American Institute of Mining and Metallurgical  
Engineers, Pub. No. 1377, Feb. 1941. 1 copy

Result:  
Doc  
Box # 52

BLACKWELDER FAMILY COLLECTION  
PERIODICALS AND SERIALS: cont.

- THE NEW LEADER, Dec. 1, 1952. 1 copy
- THE NEW LEADER, Jan. 21, 1957. 1 copy
- THE NEW LEADER, Mar. 25, 1957. 1 copy
- THE NEW LEADER, Dec. 9, 1957. 1 copy
- THE NEW LEADER, May 26, 1958. 1 copy
- THE NEW LEADER, Nov. 16, 1959. 1 copy
- POLITICAL AND ECONOMIC CONFERENCE OF THE SEVEN, Reports of the  
 Commissions, Summaries of Ministerial Speeches, London,  
 Nov. 1960. 1 copy
- PROCEEDINGS OF THE UTAH ACADEMY OF SCIENCES, Arts and Letters,  
 Vol. XII, 1935. 1 copy
- RESEARCH AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena,  
 Calif., No. 21, Oct. 4, 1952. 1 copy
- SRI JOURNAL, Fourth Quarter, Col. 3, 1959. (Stanford Research  
 Institute). 1 copy
- SCIENCE, Vol. LV, No. 1414, Jan. 27, 1922. 1 copy
- SCIENCE, Vol. LV, No. 1414, Feb. 3, 1922. Eight copies
- SCIENCE, Vol. 76, No. 1966, Sept. 2, 1932. Two copies
- SCIENCE, Vol. 102, No. 2656, Nov. 23, 1945. 1 copy
- SCIENCE, Vol. 124, No. 3235, Dec. 28, 1956. 1 copy
- SCIENCE, Vol. 126, No. 3279, Nov. 1, 1957. 1 copy
- SERVING THRU SCIENCE, The Face of our Continent--A Radio Talk  
 by Dr. Eliot Blackwelder, U. S. Rubber Co., 1947. 1 copy
- SIERRA CLUB EXPLORER 1:3, Nov. 1963. 1 copy
- SIXTH PACIFIC SCIENCE CONGRESS OF THE PACIFIC SCIENCE ASSOCI-  
 ATION--ADVANCE ANNOUNCEMENT, Berkeley, Stanford, and  
 San Francisco, California, July 24 to Aug. 12, 1939.  
 Circular of Information. 1 copy
- STANFORD EARTH SCIENCES NEWSLETTER, Published by the School  
 of Earth Sciences, Oct. 10, 1963. 1 copy
- STANFORD EARTH SCIENCES NEWSLETTER, Published by the School  
 of Earth Sciences, Dec. 1963. 1 copy

Cont.

Doc # 52  
Box

BLACKWELDER FAMILY COLLECTION  
PERIODICALS AND SERIALS: cont.

STANFORD UNIVERSITY FACULTY-STAFF NEWSLETTER, Vol. VI, No. 6,  
Dec. 6, 1961. 1 copy

THE TIME HAS COME TO FACE THE FACTS, A Summary of the Four  
Reports of The President's Committee to Study the  
U. S. Military Assistance Program, Sept. 1, 1959.  
1 copy

TOCSIN, Vol. 4, No. 43, Oct. 23, 1963. 1 copy

UNIVERSITY OF CHICAGO MAGAZINE, Oct. 1956. 1 copy

UNIVERSITY OF CHICAGO MAGAZINE, Mar. 1958. 1 copy

V.F.W. Magazine, Feb. 1955. 1 copy

WEST & EAST, Vol. III, No. 3, Sept. 1958. 1 copy

WORLD AFFAIRS, No. 249a, Spring, 1960. 1 copy

WORLD COMMONWEALTH -- II, (Toward the Ideal Federation,  
Article) July 18-25, 1960. 1 copy

*cont.  
Doc  
Box # 52*

BLACKWELDER FAMILY COLLECTION

PHOTOGRAPHS:

This section includes photographs originally in PHOTO ALBUMS also loose pages from original albums. All have been transferred to glossy envelopes and descriptions retyped unless otherwise noted.

- E. BLACKWELDER PHOTO ALBUM - California Area 1926 Total 91.
- E. BLACKWELDER PHOTO ALBUM - LAMONT CUT PHOTOGRAPHS  
Includes two lists found in the original album Total 24.
- E. BLACKWELDER - PHOTOALBUM-LONE PINE III. These are in the original album with descriptions typed and taped beside each picture. Total of 32 pages all of California locations.

PHOTO ALBUM LOOSE PAGES:

All have been transferred to glossy envelopes and original descriptions taped on. Arranged in alphabetical order according to locations. Photos date from April 1925 thru Sept. 1925. Total of 325 pictures.

- Aberdeen District
- Alabama Hills
- Big Pine
- Bishop District
- Cottonwood Power Plant
- Division Creek District
- Eight Mile District
- Hawiwee District
- Independence District
- Inyo Range
- Lava Plateau
- Little Lake District
- Lone Pine District
- Long Valley District
- Mono District
- Oak Creek
- South Fork of Oak
- Owens Lake
- Red Mountain District
- Saw Mill District
- White Mountain District
- One Group of Miscellaneous

PHOTOGRAPH FILE FOLDERS:

This section includes photographs within file folders.

AIR PLANE PHOTOGRAPHS:

- 4" x 5½" NE slope of Mt. Lassen
- 4½" x 5 ¾" Airplane view of summit of Mt. Lassen
- 7 ¾" x 9½" Mt. Hood from SE Oregon
- 7" x 9" Tenaya Canyon, E of Yosemite Canyon, California

Box # 53  
(Photo)

PHOTO ARCHIVES

Box # 54  
(Photo) ✓

Box # 55  
(doe box) ✓

## BLACKWELDER FAMILY COLLECTION

## PHOTOGRAPHS: (FILE FOLDERS CONT.)

## AIR PLANE PHOTOGRAPHS

- 7" x 9" (2) Sawtooth Range, Idaho  
 7" x 9" Foothills, Boise River, Idaho  
 7" x 9" W side of s end Wasatch Range, Utah  
 7" x 9" E side of Wasatch Range, NE of Twin Peak  
 7" x 9" Mt. Shasta California - extinct crater  
 7" x 9" Great Western Divide - Sw of Mt. Whitney  
 7" x 9" Sand dunes in the floor of Death Valley  
 7" x 9" Dry Canyon - W side of Death Valley opposite  
 Furnace Creek, Oblique  
 7" x 9" Mt. Whitney from over Owens Lake Cliffs  
 7" x 9" Mt. Whitney also  
 7" x 9" Pahrump Valley Calif. looking down on Manse  
 Ranch  
 4" x 6½" (2) Deep Spring Valley  
 4" x 6½" Sierra Nevada SW of Indian Wells

## AMERICAN GEOLOGICAL INSTITUTE

- 7½" x 9¼" Air view - "Dept. of Geomorphology Stanford  
 University

## AUTOGRAPHED (and Miscellaneous) PHOTOGRAPHS

- 4½" x 5½" Autographed and signed "CHAS LAPWORTH"  
 8" x 11½" Photograph of autographed photo "ROD GILBERT  
 NISON"  
 8" x 10" Photograph of two gentlemen seated and both  
 holding canes - inscription "PEARL AND HORNE"  
 6" x 4" Photograph - inscription "ADAM SEDGWICK"  
 4" x 5 ¾" " - " "W. W. WATTS  
 7 ¾" x 9 ¾" Negative - Kern River Map

## UTAH GEOLOGY

- 3 ¾" x 5 ¾" (3) Tillite - Ogden, Utah  
 7½" x 9½" Map - Utah areas  
 2 7/8" x 4" Photographs by Berry & Crawford of  
 Bonneville fossils and shells from  
 Salt Lake City - Total of 13  
 8" x 11½" Colored Map  
 Also included are miscellaneous noted on Uinta, N.  
 slope Smithfield, N. and correspondence to Dr. J. P.  
 Buwelda re: Salt Lake Pliocene" dated August 1924.

## RESEARCH FILE PHOTOGRAPHS - Folder #1

- 3 ¾" x 4½" (2) by Thompson of Death Valley crater  
 3¼" x 5½" By W. O. Hotchkiss of Wisconsin limestone  
 4" x 6" By George L. Green of Sierra Nevada at  
 Deadman Creek

THE BLACKWELDER FAMILY COLLECTION  
 PHOTOGRAPHS: CONTINUED FILE FOLDER:

## RESEARCH FILE PHOTOGRAPHS (#1)

4" x 6"	Deposits of Lake Lahontan W of Derby, Nev.
2½" x 2½"	Geological fossill specimens (2)
3½" x 4 3/4"	Geological specimen "cocops aspidephonius"
3 3/4" x 4¼"	Experiment with intensifier
5" x 8"	"From CAM ST. 15 N etc.
6½" x 8½"	No. 1 looking across portion of the slide toward the new formed lake etc.
6½" x 8½"	"Where the river cut its way etc.
6½" x 8½"	"Looking across the lake --Gros Ventre showing tops of tall trees above the water
6½" x 8½"	"On the way to the river below etc."
3¼" x 11½"	Mountains on W shore of Lake Baikal, Siberia
2 3/4" x 10"	Looking up the Yukon River n. of Star
3" x 5"	Pictures taken near Venegas "From Chawner 1928 - Columbia, S.A." (7)
10" x 13"	Crumpled gneiss opposite Montebello
(14) Misc. Sizes	Unidentified of scenes, formations, etc.

## RESEARCH FILES PHOTOGRAPHS (#2)

(8) Misc. Sizes	Identified on the back as geological specimens
3" x 4"	Mounted -- glacial boulders of basalt on the Okanagan Moraine
5" x 7"	Folds of lacustrine clay and sand in NE corner of Home Economics Bldg., University Campus, April 1912
3½" x 7"	A Peruvian (?) amphibian - Miller 1909
1" x 9"	Mososauria Platiurpus (?) abruptus etc.
(2)	Dolichorhynchops osborni - Nebraska Chalk - Western Kansas
2½" x 6½"	Kaweah peaks
5" x 7"	Alsek River and Canyon (5)
5" x 7"	Topography of W part of San Juaquin Valley
4" x 9¼"	The Abbott-Gaff group of peaks from Mt. Hamilton
3¼" x 9"	Joined photos of Alsek glacier and canyon
4" x 9"	See letter W. H. Wright Dec. 1927 - Mt. Goddard
5" x 8"	Alsek, Alaska 1906 (8)
6" x 8"	Mountain peaks - (not specifically ident.)
4½" x 7¼"	Granite 1 of granite ne of Bloods the other granite by Granite Lake
Misc. Sizes	Unidentified scenes, formations, etc. (31)

## WASHBURN'S PHOTOS FROM ALASKA RANGE

7" x 9"	Airplane photos of Alaska Range (13)
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## DR. R. D. REED

7½" x 9½"	Airplane photos of California (12)
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## BLACKWELDER -- GEOMORPHIC PROCESSES AND MOJAVE LAKES

5" x 7"	California Desert Scenes (21)
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Box #55  
 (doc. box)

PHOTO ARCHIVES



THE BLACKWELDER FAMILY COLLECTION  
PHOTOGRAPHS: CONTINUED FILE FOLDERS:

AIR PLANE PHOTOGRAPHS (OLSON)

8" x 10" Include scenes of Rio Grande River,  
El Paso, and Krupp Dome, etc. (14)

YOSEMITE AIR PHOTOS 1945

9" x 9" Airplane views of Yosemite Ares (24)

FATHER HUBBARD'S PARTY 1933 from ED LEVIN

8" x 10" Shishaldin Volcano, Alaska

ALSEK FOTOS by L. Netland

5" x 7" Alsek, Alaska

5" x 8" Same as above

8½" x 12" Alsek Photos (18)

W. D. JOHNSON (U.S.G.S.) 1905

Misc. Sizes E slope -- Sierra Nevada (28)

Box # 55  
(doc. box)

PHOTO ARCHIVES

## THE BLACKWELDER FAMILY COLLECTION

PHOTOGRAPHS: CROSSREFERENCE TO NEGATIVES ALSO.

This section includes prints, negatives, glass slides in a numbered series. Original descriptions have been typed onto each glossy envelope. Cross reference may also be found in Eliot Blackwelder's handwritten photo-records book. Size is 5" x 7" and are arranged as follows:

Year	Numbers	Headings, Locations. etc.	Count
1924	513-578	Utah	62
1924-25	579-630	Calif. & Nev.	24
1925	632-643	Wyo., Utah, Colo., & Nev.	79
1925	644-661	Heading: Los Vegas 1925	35
		Calif. & Nev.	
1925	662-691	Heading: Arizona Xmas 1925	61
		Calif. & Nev.	
1926	730-731	Heading: Tahoe Trip-Aug. 26	77
		Calif. & Nev.	
1926	775-847	Heading: Oct.-Nov. 1926	133
		Deserts Colo., Nev., & Ariz	
1927	851-894	Heading: Jan.-June 1927	67
		Nev., N.Mex., & Calif.	
1927	916-1008	Heading: July 1927 - Nev.	128
		Calif., & Utah	
1927	1010-1030	Heading: Sept. 1927 - Nev.	92
		Nev.	
1927	1068-1117	Heading: Death Valley - Dec.	99
		1927 Calif.	
1928	1118-1149	Heading: Jan.-Mar. 1928	53
		Calif.	
1928	1118-1192	Heading: Sierra June-July 1928	11
		Calif.	
1928	1193-1240	Heading: Sept.-Oct. 1928	81
	1240-1298	Calif.	
1929	1299-1364	Heading: July-Sept. 1929	104
		Calif., Nev. & Utah	
1930	1365-1484	Heading: Mar.-July 1930	211
		Deserts Calif., Nev. & Ariz.	
1931	1485-1490	Heading: April 1931	11
		Desert Calif.	
1931	1491-1520	Heading: June-July 1931	21
		Calif.	
1932	1521-1563	Heading: Mar.-April 1932	76
		Calif., Nev.	
1932	1564-1595	Heading: June-Oct. 1932	43
		Summer 1932 Oreg. & Wash.	
1932	1596-1597	Summer 1932 Calif. & Nev.	2
1932-33	1598-1616	Heading: Dec. 1932 -Jan. 1933	41
		Calif. & Ariz.	
1933	1645-1704	Heading: Nev. Trip 1933	17
		Nev.	

Box #54  
(photo)

PHOTO ARCHIVES

Box #56  
(photo)Box #57  
(photo)Box #58  
(photo)

THE BLACKWELDER FAMILY COLLECTION  
 PHOTOGRAPHS: Continued

Year	Numbers	Headings, Locations, etc.	Count
1933	#1619-1650	Heading: Mar. 3 1933-Apr. 1 (Desert Trip-Mar. 1933) Calif., Ariz., N. Mex. & Nev.	49
1933	#1651-1670	Heading: July 1933 (Sierra Trip - July 1933) Calif. & Nev.	11
1933	#1671-1712	Heading: Sept. 1933 Calif. & Nev.	44
1934	#1713-1717	Heading: Feb., Mar., Apr. 1934 (Yosemite - Feb. 1934) Calif.	4
1934	#1718-1734	Heading: June 1934 (Mt. Shasta Trip- June 1934) Calif.	12
1934	#1735-1804	Heading: Sept. Oct. 1934 (Trip to Wyo. 1934) Wyo., Nev., Idaho, & Colo.	123
1934	#1805-1863	Heading: Nov. 10-Dec. 12 1934 (Ariz. Trip Nov. 1934) Ariz., Calif. & Nev.	115
1935	#1866-1898	Heading: June-July 1925 (Nev. Trip 1935 July-Nov. 1925) Nev., Calif., Utah, Idaho, & Wyo.	116
1936	#1938-1951	Heading: 1936 Calif., Oreg. & Wash.	26
1939	#1965-1968	Heading: 1939 Calif. & Nev.	8
1939	#1969-1976	Heading: Nev. & Mono Trip 1939 Nev.	12
1939	#1977-1982	Heading: Sierra Trip - Sept. 1939 Calif.	11
1946	#1987-1998	Heading: 1946 Calif., Nev. & Ariz.	23
1947	#1998a-2011	Heading: 1947 Calif. & Nev.	23
1947	#2015-2034	Heading: Utah - Nev. Sept. 1947 Nev., Utah & Ariz.	34
1948	#2035	Heading: 1948 April Calif.	2
1949	#2036-2042	Heading: 1949 - Feb. Mar. Calif.	14
1949	#2043-2044	Heading: 1949 - May. Nov. Nev.	4
1949	#2045-2049	Heading: Nev. - Aug. 1949 Nev.	10

Box # 58  
(x photo)

PHOTO ARCHIVED

Box # 59  
(x photo)

## THE BLACKWELDER FAMILY COLLECTION

PHOTOGRAPHS:

This section contains prints of various sizes, locations, some numbered, etc. These are in groups arranged by original E. B. headings. Information from original has been typed onto glossy envelope as follows:

Year	Numbers	Locations, descriptions, etc.	Count
1901-02		Clear Cr., Cirque, Deleware & Wisc.	7
1901-03		Wisc. (Ident. on back)	13
" "		Chicago	18
1902		Wyoming	25
1906		Alaska	39
1907		Wyoming (some negatives)	25
1909		Utah	134
1910		Wyoming & Idaho	131
1911	110-289	Wyoming	83
1911		Wyoming (4 sets)	65
1912		Wyoming (6 sets)	93
1913		Wyoming (7 sets --Wind River Area and Condit etc.)	129
1913-14		Family (Unident. 2 sets)	17
1915		Alaska (Ident. 7 sets also post cards)	112
1915		Alaska (Unident. 3 sets and negatives)	66
1917	58-86	Wyoming	9
1917		California	4
1917		Unidentified 3 sets (some negatives)	63
1917		Wyoming - Snowy Range Area	73
1917		Misc. Unidentified	14
1917		Wyoming - Medicine Bow Range	33
1917		Wyoming, Illinois, Calif. & Nev. (3 sets)	15
1918		Colorado, Nevada, Indiana & Utah also some Unident. (3 sets)	42
1919		Utah & Wisc.	5
1919		California & Nevada (& Unident.)	37
1920-22		Massachusetts & Calif. (& Unident.)	23
1920-22		Unidentified (negatives)	27
1922		Glass slides - Massachusetts	4
1922		Negatives -- Oil fields, missions	39
1923		California (small size)	59
1923		C. H. Wegeman -- California	7
1923		Misc. Unidentified (also negatives)	34
1923		California oil fields	16
1923		Glass negatives	2
1925		California (small size)	19
1925		Summer-- Idaho, Nev., Utah & Wyo.	112
1925		Summer-- Calif. & Wyoming	6
1925		Calif. & Nev. -- Los Vegas Trip	60
1925		Los Vegas Trip	9
1925		Spring -- White House, etc.	2

Box # 59  
(x photo)

PHOTO ARCHIVES

Box # 60  
(x photo)

THE BLACKWELDER FAMILY COLLECTION  
 PHOTOGRAPHS: (continued)

1926	Z329-Z415	Calif. & Oreg.	47
1926	Z334-402	Calif., Nev. & Oreg.	17
1926	Z319-Z328	Calif.	8
1926		Calif. (some negatives)	5
1926	Z427-Z525	Summer--Ariz., Calif. & Nev. (2 sets)	59
1926	K424-K448	Calif. & Nev.	14
1926		Summer--Calif. (Misc. 3 sets and Post Cards)	13
1927	Z526-Z592	Calif., Nev. & Utah 3 sets	143
1927		Misc. -- Carson City, Nev.	4
1928	Z703-Z776	Calif. & Nev. (Santa Cruz)	43
1928-Aug.	Z777-Z822	Calif., Nev. & Wyo	45
1928-Dec.	Z824-Z832	Ariz., N. Mex., N.Y., & Texas	8
1929-Jan.			
1929-Feb.	Z833-Z841	Calif.	5
1929-Mar.	Z842-Z881	Calif. & Nev.	39
1929-June	Z882-Z887	Calif.	5
1930-Mar.	Z978-Z1050	Ariz., Calif., Nev., & Wash.	76
May			
1930-June	Z106-Z1074	Calif.	11
Aug.			
1930-Sept.	Z1075-1091a	Calif.	14
1930-Nov.	Z1092-Z1109	Calif. (Santa Cruz & Mojave Desert)	15
Dec.			
1931-Mar	Z1110-Z1122	Calif. (Yosemite Valley)	12
1931-Apr.	Z1124-Z1133	Calif.	10
1931-June	Z1134-Z1142	Calif.	7
1931-July	Z1143-Z1152	Calif.	13
1931-Aug.	Z1153-Z1186	Calif	24
Sept.			
1932-Mar.		Calif	44
Apr.			
1932-June	Z1226-Z1259	Calif., Oreg. & Wash	41
July			
1932-Nov.	Z1260-Z1272	Ariz. & Calif.	11
Dec.			
1933-Feb.	Z1275-Z1304	Ariz., Calif. Nev. & Utah	27
Mar.			
1933-June	Z1306-Z1323	Ariz., Calif., Nev. & Utah	17
July			
1933-Sept.	Z1324-Z1351	Calif. & Nev.	23
1934-Jan.	Z1352-Z1361	Calif.	10
Feb.			
1934-June	Z1362-Z1368	Calif.	7
1934-Sept.	Z1369-Z1428	Ariz., Calif., Colo., Idaho, Nev. Utah, Wash., & Wyo. (2 pkgs.)	59
Dec.			
1935-July	Z1429-Z1454	Calif. & Nev.	20
1935-Sept.	Z1458-Z1479	Nev., Utah & Wyo.	14
1935	Z1481-Z1488	Calif., Oreg., & Wash.	22
1936-37	Z1500-Z1605	Europe (Greece, England, Scotland also Egypt (2 pkgs.))	76

Box

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PhotoBox 61  
Photo

PHOTO ARCHIVES

## BLACKWELDER FAMILY COLLECTION

PHOTOGRAPHS:

This section includes micro slides (glass 1" x 1½"). Each slide is mounted into a 4" x 6" card with the original descriptions covering subject, formation name, location, etc. They are grouped as follows:

Numbers	Description/other Identification	Count
S11, 31, 103 & S248	Structural Collection	10
_____	Sedimentation	13
_____	Sedimentation	12
4 thru 15	C. C. Addison - 1929	21
1207-1250	E. B. Collection	14
1252-1322	E. B. Collection	14
1323a-1436	E. B. Collection	12
1454-1565c	E. B. Collection	12
1566-1643	E. B. Collection	12
1644-1755	E. B. Collection	17
1775-1900	E. B. Collection	12
1908-2140	E. B. Collection	12
2143-2190	E. B. Collection	12
2193-2254	E. B. Collection	12
Unnumbered	E. B. Collection	10
Unnumbered	Miscellaneous	7
Unnumbered	also Miscellaneous	11
_____	Cards only -- no slides attached	21

Box # 61  
(photo)

PHOTO ARCHIVES

Box # 62  
(photo)

BLACKWELDER FAMILY COLLECTION  
PHOTOGRAPHS:

CALIFORNIA:

This group is a miscellaneous variety of photos ranging in size from 3" x 4" to 8" x 10". All are identified with a California location, sorted into groups and put into one file folder. Total of 85.

MISCELLANEOUS IDENTIFIED:

This group is also miscellaneous variety of photos varying in size as above. They are divided into location, some into subject, etc. The following locations are included.

- |          |              |           |
|----------|--------------|-----------|
| Alaska   | New Mexico   | Utah      |
| Arizona  | Nevada       | Wisconsin |
| Colorado | Newfoundland | Wyoming   |
| Egypt    |              |           |
| Hawaii   |              |           |

Also included are some photos of individuals, geological formations, and specimens. Total of 121.

MISCELLANEOUS UNIDENTIFIED:

This group is a mixed variety varying in size and subject and location. Both prints and negatives, also 2 large glass negatives. Total of 57.

PHOTOGRAPHIC MATERIAL:

- 1 -- Notebook of Eliot Blackwelder - Photos and Records circa 1920's.
- 1 -- Notes "C. L. Breger 1910 etc."
- 1 -- Group of 3" x 5" note cards -- total of 23
- 1 -- Group of 4" x 6" note cards -- total of 4
- 1 -- Group of miscellaneous notes

Box # 62A ✓  
Doc Bag

PHOTO ARCHIVES

Box # 62A  
Doc Bag

BLACKWELDER FAMILY INVENTORY

PROGRAMS AND ITINERARIES:

All pertaining to meetings, conferences, and symposiums of geologists and geological organisations. Dated 1922-1959.

6 pieces

Doe,  
Box # 63



BLACKWELDER FAMILY COLLECTION

REPRINTS:

One copy, unless otherwise noted.

Bennett, Merrill K., "An Agroclimatic Mapping of Africa",  
BOOD RESEARCH INSTITUTE STUDIES, Vol. III, No. 3,  
November, 1962, 195-216.

Benson, W. N. and J. T. Holloway, "Notes on the Geography and  
Rocks of the Ranges Between the Pyke and Matukituki Rivers,  
North-west Otago", TRANSACTIONS OF THE ROYAL SOCIETY OF  
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Blackwelder, Eliot, "The Age of Meteor Crater", SCIENCE, Dec-  
ember 16, 1932, Vol. 76, No. 1981, pp. 557-560. 13  
copies.

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GEOLOGY, Vol. XL, No. 4, May-June, 1932, pp. 289-304.  
2 copies.

"Bailey Willis, 1857-1949: A Biographical Memoir", NATIONAL-  
AL ACADEMY OF SCIENCES BIOGRAPHICAL MEMOIRS, Vol. XXXV,  
1961, pp. 333-350. 21 copies.

"Cavernous Rock Surfaces of the Desert", AMERICAN JOURNAL  
OF SCIENCE, Vol. XVII, May, 1929, 393-399.

"Characteristics of Continental Clastics and Chemical  
Deposits, BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA,  
Vol. 28, December 19, 1917, pp. 917-924. 65 copies.

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ERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, Vol. 37,  
No. 11, November, 1953, pp. 2577-2579.

"Desert Plains", THE JOURNAL OF GEOLOGY, Vol. XXXIX,  
No. 2, February-March, 1931, pp. 133-140. 211 copies.

"Field and Office Methods in the Preparation of Geologic  
Reports", ECONOMIC GEOLOGY, Vol. VIII, No. 5, August, 1913,  
pp. 489-492. 31 copies.

"Fire as an Agent in Rock Weathering" THE JOURNAL OF  
GEOLOGY, Vol. XXXV, No. 2, February-March, 1925, pp.  
134-140. 12 copies.

"A Fully Exposed Reef of Calcareous Algæ (?) [sic]  
in the Middle Cambrian of the Teton Mountains, THE  
AMERICAN JOURNAL OF SCIENCE, Vol. XXXIX, June, 1915,  
pp. 646-650. 36 copies.

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Box #64

BLACKWELDER FAMILY COLLECTION  
REPRINTS, cont.  
Blackwelder, Eliot, cont.

"The Geologic History of China and Its Influence upon the Chinese People", POPULAR SCIENCE MONTHLY, January, 1913, pp. 105-124. 7 copies.

"The Geologic Role of Phosphorus", THE AMERICAN JOURNAL OF SCIENCE, Vol. XIII, October, 1915, pp. 285-298. 16 copies.

"The Geologic Role of Phosphorus", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE, Vol. 2, August, 1916, pp. 490-495. 111 copies.

"Geology--Supplementary Notes on Pleistocene Glaciation in the Great Basin", JOURNAL OF THE WASHINGTON ACADEMY OF SCIENCES, Vol. 24, No. 5, May 15, 1934, pp. 217-222. 5 copies.

"Glacial and Associated Stream Deposits of the Sierra Nevada", CALIFORNIA STATE DIVISION OF MINES, STATE MINERALOGIST REPORT XXVIII, July-October, 1932, pp. 303-310, 36 copies.

"Glaciation in the Bighorn Mountains", JOURNAL OF GEOLOGY, Vol. XI, No. 3, February--March, 1903, 216-223. 14 copies.

"The Hardness of Ice", JOURNAL OF SCIENCE, Vol. 238, Jan. 1940, pp. 61-62.

"Hint for Better Geological Photographs", SCIENCE, Vol. 73, No. 1887, February 27, 1931, page 241.

"The Insolation Hypothesis of Rock Weathering", AMERICAN JOURNAL OF SCIENCE, Vol. XXVI, Aug., 1933, 97-113.

"Lake Manly: An Extinct Lake of Death Valley", THE GEOGRAPHICAL REVIEW, Vol. XXXIII, No. 3, July, 1933, pp. 464-471.

"The Lowering of Playas by Deflation", AMERICAN JOURNAL OF SCIENCE, Vol. XXI, February, 1931, pp. 140-144. 8 copies.

"Mars as the Abode of Life", SCIENCE, Vol. XXIX, No. 747, April 23, 1909, pp. 659-661. 2 copies.

"Memorial of John Flesher Newsom", BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA, Vol. 41, March 30, 1930, pp. 30-33. 24 copies.

"Meteor Crater, Arizona", SCIENCE, Vol. 104, No. 2689, July 12, 1946, pp. 38-39. 97 copies.

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Box # 65

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BLACKWELDER FAMILY COLLECTION

REPRINTS, cont.

Blackwelder, Eliot, cont.

"Mudflow as a Geologic Agent in Semi-arid Mountains",  
BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA, Vol.  
39, June 30, 1928, pp. 465-484. 2 copies.

"New Geological Formations in Western Wyoming", JOURNAL  
OF THE WASHINGTON ACADEMY OF SCIENCES, Vol. VIII, No.  
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"New Light on the Geology of the Wasatch Mountains, Utah,  
BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA, Vol. 21,  
September 24, 1910, pp. 517-542. 10 copies.

"The Old Erosion Surface in Idaho: A Criticism",  
THE JOURNAL OF GEOLOGY, Vol XX, No. 5, July--August,  
1912--pp. 410-414. 21 copies.

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in Southern Alaska", THE JOURNAL OF GEOLOGY, Vol. XV,  
No. 1, January-February, 1907, pp. 11-14.

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tific Ethics, With Concrete Illustrations", SCIENCE,  
N.S., Vol. XXIX, No. 747, April 23, 1909. pp. 659-661.

"Paleogeography of North America", SCIENCE, N.S., Vol.  
XXXI, No. 806, June 10, 1910, pp. 909-912. 14 copies.

"Paleozoic Glaciation in Alaska", SCIENCE, Vol. 76,  
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"Photography for the Field Geologist", JOURNAL OF THE  
WASHINGTON ACADEMY OF SCIENCES, Vol. 15, No. 4, Feb-  
ruary 19, 1926, pp. 93-97. 63 copies.

"Pleistocene Mammoths in Utah and Vicinity", AMERICAN  
JOURNAL OF SCIENCE, Vol. 237, December, 1939, pp. 890-  
894. 3 copies.

"Post-Cretaceous History of the Mountains of Central  
Western Wyoming", THE JOURNAL OF GEOLOGY, Vol. XXIII,  
Nos. 2, 3, 4, May-June, 1915, pp. 97-340.

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## BLACKWELDER FAMILY COLLECTION

## REPRINTS, cont.

## Blackwelder, Eliot, cont.

"Pre-Cambrian Geology of the Medicine Bow Mountains", BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA, Vol. 37, December 30, 1926, pp. 615-648. 4 copies.

"Pre-Cambrian Rocks in Southeastern Wyoming", SCIENCE, N.S., Vol. XXVII, No 698, May 15, 1908, pp. 787-788. 28 copies.

"Recognition of Fault Scarps", THE JOURNAL OF GEOLOGY, Vol. XXXVI, No. 4, May-June, 1928, pp. 289-311. 2 copies.

"Review of THE EARTH, ITS LIFE AND DEATH by A. Berget", THE ASTROPHYSICAL JOURNAL, Vol. XLI, No. 4, May, 1915, p. 330.

"Sandblast Action in Relation to the Glaciers of the Sierra Nevada", THE JOURNAL OF GEOLOGY, Vol. XXXVII, No. 3, April-May, 1929, pp. 256-260.

"The Study of the Sediments as an Aid to the Earth Historian", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, Vol. 4, June, 1918, pp. 163-167. 2 copies.

"A Summary of the Orogenic Epochs in the Geologic History of North America", THE JOURNAL OF GEOLOGY, Vol. XXII, No. 7, October-November, 1914, pp. 633-654. 27 copies.

"Summer Birds of Iron County, Michigan", THE AUK, Vol. XXVI, No. 4, October, 1909, pp. 363-370. 4 copies.

"The Valuation of Unconformities", JOURNAL OF GEOLOGY, Vol. XVII, No. 3, April-May, 1909, pp. 289-300. 19 copies.

"The Yakutat Coastal Plain of Alaska: A Combined Terrestrial and Marine Formation", THE AMERICAN JOURNAL OF SCIENCE, Vol. XXVII, June, 1909, pp. 459-466. 46 copies.

"Yardang and Zastruga", SCIENCE, Vol. LXXII, No. 1868, October 17, 1930, pp. 396-397.

Blackwelder, Eliot and Elmer W. Ellsworth, "Pleistocene Lakes of the Afton Basin, California, AMERICAN JOURNAL OF SCIENCE, Vol XXXI, June, 1936, pp. 453-463. 63 copies.

Blackwelder, Eliot, Arthur Granger, and Robert C. Cohenour, "Pre-Cambrian Rocks of Utah", UTAH GEOLOGICAL AND MINERALOGICAL SURVEY BULLETIN 54, 1963, pp. 39-44. 14 copies.

Blackwelder, Richard, "Some Aspects of Modern Taxonomy", JOURNAL OF THE NEW YORK ENTOMOLOGICAL SOCIETY, Vol. XLVIII, September, 1940, pp. 245-257.

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## BLACKWELDER FAMILY COLLECTION

## REPRINTS, cont.

## Blackwelder, Eliot, cont.

- Boutwell, J. M., "Stratigraphy and Structure of the Park City Mining District, Utah, JOURNAL OF GEOLOGY, Vol. XV, No. 5, July-August, 1907, pp. 434-458.
- Bryan, Kirk, "Stone Cultures near Cerro Pedernal and Their Geological Antiquity", BULLETIN OF TEXAS ARCHEOLOGICAL AND PALEONTOLOGICAL SOCIETY, Vol. 11, September, 1939, pp. 9-42.
- Bucher, Walther H., "Mechanics of Crustal Deformation", TULSA GEOLOGICAL SOCIETY DIGEST, Vol. X, 1941-42, pp. 50-61.
- Chu, Valentin, "China: A Monster Devours Itself", LIFE, May 3, 1963, 8 pages.
- Conklin, Edwin G., "Brief History of the American Philosophical Society", YEAR BOOK OF THE AMERICAN PHILOSOPHICAL SOCIETY, 1949, pp. 5-27.
- Dewey, John, "Report of the First Meeting of the American Association of University Professors with the Opening Address of the Chairman", SCIENCE, N.S., Vol. XLI, No. 1048, Jan. 29, 1915, pp. 1-8.
- Field, Ross, "Stream Carved Slopes and Plains in Desert Mountains", JOURNAL OF SCIENCE, Vol. XXIX, April, 1935, pp. 313-322.
- Fleming, R. H. and Roger Revelle, "Physical Processes in the Ocean", RECENT MARINE SEDIMENTS, The American Association of Petroleum Geologists, Tulsa, Oklahoma, September, 1939.
- Fallot, Paul, "Extrait du Livre a la Memoir Du Professor Paul Fallot Consacre a l'Evolution Paleogeographizue et Structurale Des Domaines Mediterraneens et Alpains d'Europe: Tome II", MEMOIRE EN VENTE AL LA SOCIETE GEOLOGIQUE DE FRANCE, February 27, 1961.
- Graindor, Maruice-Jacques, "L'Age de la Migmatite Syntectonique de Saint-Malo", COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES, May 21, 1962, pp. 3729-3731.
- "Mouvement Orogenizue Antedevonien en Normandie", BULLETIN DE LA SOCIETE LINNEENNE DE NORMANDIE, 10<sup>e</sup> Serie, 2<sup>e</sup> Vol, 1961, pp. 188-194.

cont.)  
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 Box #  
 69

BLACKWELDER FAMILY COLLECTION  
 REPRINTS, cont.  
 Graindor, Maurice-Jacques, cont.

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"Presence du Precambrien dans le Massif central francais", C. R. SOMMAIRE DES SENACES DE LA SOCIETE GEOLOGIQUE DE FRANCE, No. 6, June 4, 1962, p. 174.

"Les roches de l'Arsenal de Cherbourg, d'apres des condages, BULLETIN DE LA SOCIETE LINNEENNE DE NORMANDIE, 10<sup>e</sup> Serie, 2<sup>e</sup> Vol., 1961, pp. 9-19.

"Structure tectonique du massif de l'Armetta (Alpes Ligures)", COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES, January 14, 1963, pp. 726-728.

"Le synclinal de Placy-Montagu (Manche)", BULLETIN DE LA SOCIETE LINNEENNE DE NORMANDIE, 10<sup>e</sup> Serie, 2<sup>e</sup> Vol., 1961, pp. 27-29.

Graindor, Maurice-Jacques and Gerald-Joseph Wasserburg, "Determinations d'ages absolus dans le nord du Massif Armoricaïn", COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES, May 28, 1962, pp. 3875-3877.

Hufty, Andre, "Formes quaternaires dans le bassin de la Semois Jurassique", ANNALES DE LA SOCIETE GEOLOGIQUE DE BELGIQUE, T. LXXXI, June 1958, pp. B441-B445.

Jutson, J. T., "On the Formation of 'Natural Quarries' in Sub-arid Western Australia: The Influence of Salts in Rock Weathering in Sub-arid Western Australia", PROCEEDINGS OF THE ROYAL SOCIETY OF VICTORIA, Vol. XXX, N.S., Pt.II, March, 1918, pp. 159-172.

"Shore Platforms near Sydney, New South Wales, JOURNAL OF GEOMORPHOLOGY, Vol. II, No. 2, May, 1939, pp. 237-250.

"The Shore Platforms of Mt. Martha, Part Phillip Bay, Victoria, Australia", PROCEEDINGS OF THE ROYAL SOCIETY OF VICTORIA, Vol. LII, N.S., Pt. I, July 13, 1939, pp. 164-174.

Macar, P. and W. Van Leckwijck, "Les fentes a remplissage de la region liegeoise", ANNALES DE LA SOCIETE GEOLOGIQUE DE BELGIQUE, T. LXXXI, 1957-1958, pp. B359-B407.

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REPRINTS, cont.

- Mansfield, George Rogers, "The Wasatch and Salt Lake Formations of Southeastern Idaho", THE AMERICAN JOURNAL OF SCIENCE, Vol. XLIX, June, 1920, pp. 399-406.
- Mather, Kirtley F., "Man's Physical Environment and Man's behavior", SIGMA XI QUARTERLY, Vol. 29, No. 2, July, 1941, pp. 130-142.
- Muller, Siemon William, "Genotype of the Ammonite Genus Rhacophyllites", JOURNAL OF PALEONTOLOGY, Vol. 13, No. 5, September, 1939, pp. 533-537.
- Reed, Ralph D., "Structural Geology", GEOLOGY, 1888-1938, FIFTIETH ANNIVERSARY VOLUME, Geological Society of America, June, 1941, pp. 243-267.
- Roblot, Marie-Madeleine, "Decouverte de Sporomorphes dans des sediments anterieurs a 550 M.A. (Brioverien)", COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES, February 11, 1963, pp. 1557-1559.
- "Sur une coupure stratigraphique a l'interieur du Brioverien", COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES, May 21, 1962, pp. 3720-2722.
- Salisbury, Rollin D. and Eliot Blackwelder, "Glaciation in the Bighorn Mountains, JOURNAL OF GEOLOGY, Vol. XI, No. 3, February-March, 1903, pp. 216-223.
- Savage, T. E., "Alexandrian Rocks of Northeastern Illinois and East Wisconsin", BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA, Vol. 27, June 3, 1916, pp. 305-324.
- "On the Conditions Under Which the Vegetable Matter of the Illinois Coal Beds Accumulated", THE JOURNAL OF GEOLOGY, Vol. XXII, No. 8, November-December, 1914, pp. 754-765.
- "On the Lower Paleozoic Stratigraphy of Southwestern Illinois", THE AMERICAN JOURNAL OF SCIENCE, Vol. XXV, May, 1908, pp. 431-443.
- Savage, T. E. and Judson R. Griffin, "Significance of Crystalline Boulders in Pennsylvanian Limestone in Illinois", BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA, Vol. 39, June 30, 1928, pp. 421-428.
- Savage, T. E., and C. S. Ross, "The Age of the Iron Ore in Eastern Wisconsin", THE AMERICAN JOURNAL OF SCIENCE, Vol. XLI, February, 1916, pp. 187-193. 2 copies.

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Box # 69

BLACKWELDER FAMILY COLLECTION  
REPRINTS, cont.

- Savage, T. E. and Francis M. Van Tuyl, "Geology and Stratigraphy of the Area of Paleozoic Rocks in the Vicinity of Hudson and James Bays", BULLETIN OF THE GEOLOGICAL SOCIETY OF AMERICA, Vol. 30, September 30, 1919, pp. 339-378.
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- Seares, Frederick H., "George Ellery Hale: The Scientist Afield", ISIS, Vol. XXX, 2, No. 81, May, 1939, pp. 241-267.
- Sharp, Robert P., "Pleistocene Glaciation in the Ruby-East Humboldt Range, Northeastern Nevada, JOURNAL OF GEOMORPHOLOGY, Vol. I, No. 4, December, 1938, pp. 296-323.
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- Shimer, H. W., "Expanding Consciousness and Democracy", SCIENCE, Vol. 89, No. 2311, April 14, 1939, pp. 325-329.
- Simpson, George, "Ice Ages", SMITHSONIAN REPORT FOR 1938, pp. 289-302.
- Smith, H. T. U., "Review of 'Dunes of the Western Navajo Country' by John T. Hack", JOURNAL OF GEOMORPHOLOGY, Vol. IV, October, 1941, No. 3, pp. 250-252.
- Smith, Warren D. and Carl R. Swartzloe, "Mount Mazama: Explosion Versus Collapse", BULLETIN OF GEOLOGICAL SOCIETY OF AMERICA, Vol. XLVII, December, 1936, pp. 1809-1930.

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Spengler, Joseph J., "Population and World Development",  
 SCIENCE, Vol. 131, No. 3412, May 20, 1960, pp. 1479-  
 1502.

Stark, J. T., "Discussion: Pillow Lavas", THE JOURNAL OF  
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Stefansson, Vilhjalmur, "What is the Western Hemisphere?",  
 FOREIGN AFFAIRS, January, 1941, 6 pages.

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Donald L. DeWitt,  
 Administrative Archivist

Karen Bond/Jean Henderson

Doc.  
 Box  
 # 69

BLACKWELDER FAMILY COLLECTION  
LANTERN SLIDES: Cont.

P.  
1 slide picturing a glacial drift in the following location  
Washington

RB.  
10 slides in the following location  
Big Horn Mtns., Wyoming

RL.  
9 slides in the following locations  
Bufford                      Medicine Bow Range, Wyo.  
Laramie

RT.  
5 slides in the following locations  
Gros Ventre              Tetons and Wasatch Ranges

S.  
17 slides picturing various subjects including rock formations,  
disconformities, weathering, etc. in the following locations  
Wind River, Wyo.  
Wisconsin

T.  
2 slides picturing terrace gravels, etc. and rocks by close  
folding taken in the following location  
Big Horn Mtns., Wyoming

W.  
8 slides taken in the following locations  
South Fork of Oak, Sierra Front  
South Fork, Thibaut Creek

Wr.  
24 slides (Wr means Wind River) taken in the following  
locations  
Big Horn Canyon              Owl Creek  
Green River Lake              Popo Agie River  
Gros Ventre                      Wind River

The following are miscellaneous groups. Some are coded by  
seals system, others identified by typed strips, some only  
partially identified (either subject or location). There  
are six groups. They include various subjects such as  
maps, diagrams, rock formations opalized wood etc.  
105 slides taken in the following locations.

Big Horn Mtns., Wyo.	Pacific Grove
California	Potomac River
Capitol Bldg., Wash., D.C.	
Germany	San Francisco
King's River	San Juan
New Jersey	San Luis Obispo
New Mexico	Wadi Halfa-Sudan
	Wyoming

Lantern  
Slide  
Box #9

PHOTO ARCHIVES

Lantern  
Slide  
Box #10