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RECEIPT for the gift received of Mrs. Roald (Helen) Fryxell.

ABSTRACTS:

Campbell, C. D., THE VOLCANIC CATASTROPHE ON SANTORIN, February 15, 1966, four pages. - *water damage - discarded 9/22/70*

Fryxell, Roald, Heiken, Grant, and Lindsay, John, LAYERING OF THE LUNAR REGOLITH AT SEA OF TRANQUILITY, OCEAN OF STORMS, AND SEA OF FERTILITY, fifty pages.

Heiken, Grant, McKay, D. S., and Brown, R. W., LUNAR DEPOSITS OF POSSIBLE PYROCLASTIC ORIGIN, thirty-nine pages. - *discarded 9/22/70*

Lindstrom, M. M., Duncan, A. R., Fruchter, J. S., McKay, S. M., Stoester, J. W., Goles, G. G., and Lindstrom, D. J., COMPOSITIONAL CHARACTERISTICS OF SOME APOLLO 14 CLASTIC MATERIALS, twenty-nine pages. - *discarded 9/22/70*

AUDIOTAPES: REEL-TO-REEL

Reel 1 of 1, 5"  
Apollo 11, July 27, 1969  
3 3/4 IPS  
Track A: Voice  
Track B: Blank

Reel 1 of 1, 5"  
Fifth Lunar Science Conference Dedicated to Paul W. Gast, March 21, 1974  
3 3/4 IPS  
30 minute  
release copy

30x 75

Box 1

AUDIOTAPES: REEL-TO-REEL (cont.)

Reel 1 of 2, 7"  
Playback of commentary on the lunar core tube examination, July 27, 1969  
1 7/8 IPS  
Track A: Blank  
Track B: Voice

Reel 2 of 2, 7"  
Channel commentary of the lunar core tube examination, July 27, 1969  
1 7/8 IPS  
Track A: Voice  
Track B: Blank

Reel 1 of 4, 5"  
Apollo 11, July 27, 1969  
3 3/4 IPS  
Track A: Voice  
Track B: Blank

Reel 2 of 4, 5"  
Apollo 11, July 27, 1969  
3 3/4 IPS  
Track A: Blank  
Track B: Voice

Reel 3 of 4, 5"  
Apollo 11, July 27, 1969  
3 3/4 IPS  
Track A: Voice  
Track B: Blank

Reel 4 of 4, 5"  
Apollo 11, July 27, 1969  
3 3/4 IPS  
Track A: Voice  
Track B: Blank

BIOGRAPHY:

Manuscripts to complete, 1 piece.  
Personal history resume, October 1967.  
Research projects to finish, 1960.  
Retrospects of Roald Fryxell, 2 pieces.

Box 1

Box 49  
~~(F9441)~~  
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BOOKS:

Bouma, Arnold H.  
METHODS FOR THE STUDY OF SEDIMENTARY STRUCTURES  
Wiley-Interscience  
New York, London, Sydney, and Toronto  
1969

Chamberlain, J. W., and Watkins, C.  
THE APOLLO 15 LUNAR SAMPLES  
The Lunar Science Institute  
Houston, Texas  
1972

BULLETIN:

LUNAR SCIENCE INFORMATION BULLETIN  
Number 1  
March 4, 1974

Box 2

CATALOGS:

Catalog of articles, 1969, Selected Academic Readings, Science Research Associates, Incorporated.

Catalog of articles, 1971, supplement, Selected Academic Readings, Science Research Associates, Incorporated.

Lunar Core Catalog, November 1974, Lyndon B. Johnson Space Center.

Lunar Core Catalog Outline, Apollo 11, 12, 14, 15, 16, and 17.

Lunar Sample Information Catalog, Apollo 11, Lunar Receiving Laboratory, August 31, 1969.

Lunar Sample Information Catalog, Apollo 16, Lunar Receiving Laboratory, July 1972.

Lunar Sample Information Catalog, Apollo 17, Lunar Receiving Laboratory, April 1973.

Box 3

CHARTS:

Alouette 1 Time Charts, Defence Research Board, Ottawa, Canada, September 1962 to December 1963.

Box 63

Lunar chart, April 1964.

Box 64

Lunar farside chart, October 1967.

CHARTS: (cont.)

Lunar farside chart, provisional, nd.

National Aeronautics and Space Administration, Apollo Earth Orbit Chart, April 16, 1972.

Ranger VIII Lunar Charts, RLC 6 through 12, Aeronautical Chart and Information Center, United States Air Force, St. Louis, Missouri.

CORRESPONDENCE:

TO:	FROM:	DATE:
Roald Fryxell (hereafter RF)	Robert F. Heizer	December 9, 1964
Richard D. Daugherty	Gordon C. Baldwin	January 12, 1965
RF	H. W. Anderson, Jr.	April 24, 1968
Instructional faculty	Allan Smith	November 11, 1968
TN12/Acting Curator	Grant H. Heiken	July 17, 1970
Larry Haskin	G. Arrhenius	December 23, 1970
LSAPT, Vice Chairman	G. Arrhenius	June 2, 1971
LSAPT	Core Committee	June 4, 1971
V. L. Shelton	RF	November 4, 1971
Jack Pierce	RF	December 29, 1971
NSF Elementary Science Institute Consultants	Donald C. Orlich	February 17, 1972
Gentlemen	Arthur D. Even, Ph.D.	May 25, 1972
Lunar Sample Curator	John A. Wood	June 8, 1972
RF	Hill	July 27, 1972
RF	Donald W. Miles	November 29, 1972
RF	William C. Phinney	December 20, 1972
Dean Stephen R. Mitchell	RF	December 29, 1972

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CORRESPONDENCE: (cont.)

TO:	FROM:	DATE:
Allan Smith	RF	January 15, 1973
R. J. Ferrell	A. H. Smith and V. L. Shelton	January 24, 1973
Jack Pierce	W. Beasley	January 24, 1973
LSAPT Subcommittee on Lunar Core Samples	RF	January 26, 1973
LSAPT Subcommittee on Lunar Core Samples	RF	January 29, 1973
Chairman, LSAPT	Vice Chairman, LSAPT	February 20, 1973
Kenneth Fortner	RF	February 23, 1973
Charles A. Biggs	Bob Smawley	February 27, 1973
Charles A. Biggs	Bob Smawley	March 1, 1973
RF	Harry	March 4, 1973
Jack Pierce	Bob Smawley	March 5, 1973
RF	EAJ	March 9, 1973
RF	Harry	March 16, 1973
Donald C. Orlich	Jack Pierce	March 16, 1973
Murice Windsor	Jack Pierce	March 16, 1973
A. L. Betts	Jack Pierce	March 16, 1973
Ray Gilkeson	Jack Pierce	March 16, 1973
Warren Starr	Jack Pierce	March 16, 1973
John B. Gruber	Jack Pierce	March 16, 1973
RF	Jack Pierce	March 16, 1973
Peter R. Hooper	Jack Pierce	March 16, 1973
Ernie Schrenk	Jack Pierce	March 21, 1973

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CORRESPONDENCE: (cont.)

TO:	FROM:	DATE:
RF	Stewart W. Johnson	March 30, 1973
A. L. Betts	Jack Pierce	April 4, 1973
John B. Gruber	Jack Pierce	April 4, 1973
Warren Starr	Jack Pierce	April 4, 1973
Ray Gilkeson	Jack Pierce	April 4, 1973
Superintendents of Documents	Jack Pierce	April 6, 1973
Chairman, LSAPT	Vice Chairman, LSAPT	April 11, 1973
Ernie Schrenk	Jack Pierce	April 17, 1973
RF	William W. Robbins	April 25, 1973
Charles A. Biggs	Bob Smawley	May 11, 1973
RF	John E. Naugle	June 27, 1973
Henry T. Irwin	Mary W. Greene	August 6, 1973
RF	Grant H. Heiken	October 7, 1973
RF	Douglas L. Jones	October 9, 1973
James Head	RF	March 23, 1974
RF	James Head	March 30, 1974
RF	Arthur L. Cohen	April 4, 1974
James Head	RF	April 5, 1974
LSI Staff	Phil Collins	April 10, 1974
Edwin B. Eckel	RF	April 10, 1974
RF	James W. Head	April 15, 1974
Attached List	James A. Lovell	September 13, 1974
Bob	RF	nd
RF	R. F. Smith	nd

Box 3

DOCUMENTS: All listed below are published by the Superintendent of Documents, Washington, D. C. unless otherwise noted.

United States Department of Agriculture  
Soil Conservation Service  
HYDROLOGIC STUDIES  
1932-1940

United States Department of Commerce  
National Bureau of Standards  
ASTROGEOLOGIC STUDIES, PART C.  
December 3, 1969

United States Department of Commerce  
National Bureau of Standards  
ATLAS OF INTERPRETED PHOTOGRAPHY OF SOUTHERN AFRICA FROM TIROS  
1969

United States Department of Commerce  
National Bureau of Standards  
STUDIES OF LUNAR SOIL MECHANICS  
December 3, 1969

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United States Geological Survey  
Earth Resources Observation Systems Program  
COLOR COMPOSITE PICTURES AVAILABLE FROM EROS DATA CENTER  
May 1973

United States Department of the Interior  
Geological Survey  
GEOLOGIC AND WATER-SUPPLY REPORTS ON WASHINGTON  
April 1953

United States Department of the Interior  
National Park Service  
ARCHES NATIONAL MONUMENT  
1964

United States Department of the Interior  
National Park Service  
YELLOWSTONE NATIONAL PARK  
1962

All listed below are published by the National Aeronautics and Space Administration, and the Superintendent of Documents, Washington, D. C. unless otherwise noted.

Box 4

ABSTRACTS FROM PLANETARY AND EARTH SCIENCES DIVISION  
1973

DOCUMENTS: (cont.)

Box 4

AEROSPACE BIBLIOGRAPHY  
National Aerospace Education Council  
January 1968

Box 4

APOLLO SOIL SURVEY  
Graphics From 1971-1972  
January 1973

THE INTERNATIONAL SYSTEM OF UNITS  
Washington, D. C.  
1969

NASA EDUCATIONAL PUBLICATIONS  
April 1970

NASA EDUCATIONAL PUBLICATIONS  
August 1971

NASA FILM LIST  
September, 1971

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NASA SPACECRAFT  
October 1, 1968

RANGER VII PHOTOGRAPHS OF THE MOON  
September 1964

RANGER VII PHOTOGRAPHS OF THE MOON  
February 1965

RANGER VIII PHOTOGRAPHS OF THE MOON  
1966  
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SKYLAB  
1972

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SKYLAB 3 PHOTOGRAPHY  
November 12, 1973  
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SKYLAB 3 PHOTOGRAPHIC INDEX AND SCENE IDENTIFICATION  
November 1973

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SPACE SCIENCE EDUCATION PROJECT  
nd  
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BIBLIOGRAPHY TO PROCEEDINGS OF THE VII INQUA CONGRESS, U.S.A.

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TOWNSEND, GAIL

Correspondence, 4 pieces.

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Correspondence, 4 pieces.

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Correspondence, 7 pieces.

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Map, 1 piece.

Notes, 2 pieces.

Replica of Folsom point, 1 piece.

Reprint, 1 piece.

W.

Correspondence, 45 pieces.

Request for report, 1 piece.

WANAPUM DAM VISITOR CENTER

Correspondence, 3 pieces.

Diagram, 1 piece.

Miscellaneous, 1 piece.

Newspaper article, 1 piece.

Photograph of tourist center, 8 x 10, 1 piece.

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Abstract, 4 pieces.

Acknowledgments, 3 pieces.

Contents list, 1 piece.

Correspondence, 2 pieces.

Detailed stratigraphic description, 20 pieces.

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Photographs of man uncovering skelton, 8 x 10, 7 pieces.

WASHINGTON MAMMOTH SITE

Correspondence, 1 piece.

WASHINGTON STATE UNIVERSITY ANTHROPOLOGY LAB PLANS

Correspondence, 2 pieces.

Floor plan, 12 pieces.

List of repair to be made, 1 piece.

Microscope distribution list, 1 piece.

Notes, 7 pieces.

Unfinished items list, 1 piece.

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WASHINGTON STATE UNIVERSITY INQUA HOUSING

Memorandum, 3 pieces.

WASHINGTON STATE UNIVERSITY, REPORTS OF INVESTIGATIONS

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Listings, 1 piece.

Map, 1 piece.

Photographs of burial, 2 pieces.

Report, 1 piece.

WASHINGTON STATE UNIVERSITY, RESEARCH GRANT-IN-AID

Application, 7 pieces.

Correspondence, 1 piece.

Notes, 3 pieces.

WATERS, AARON C.

Correspondence, 14 pieces.

WEIS ROCKSHELTER

Detailed stratigraphic description, 1 piece.

WELLS RESERVOIR (PROJECT 31)

Statement of budget, 7 pieces.

WELLS RESERVOIR STUDY

Budget cards, 2 pieces.

Correspondence, 3 pieces.

WENNER GREEN PROJECT, 1964

Correspondence, 2 pieces.

Drawings, 1 piece.

Instructions, 1 piece.

Photographs of site, 19 pieces.

Rock--stratigraphic units, 1 piece.

WENNER GREEN, 1965

Biographical sketch, 1 piece.

Circular, 1 piece.

Correspondence, 8 pieces.

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WENNER GREEN, 1965 (cont.)

Miscellaneous, 3 pieces.  
Newsrelease, 1 piece.  
Project data, 3 pieces.

WESTGATE, JOHN

Correspondence, 4 pieces.

WET CHEMICAL FACILITIES

Correspondence, 4 pieces.

WILCOX, RAY, E.

Correspondence, 26 pieces.  
Notes, 1 piece.  
References, 1 piece.  
Report, 1 piece.

WILDESEN, LESLIE

Academic record, 1 piece.  
Announcement, 1 piece.  
Bibliography, 1 piece.  
Case study, 1 piece.  
Correspondence, 9 pieces.  
Courses taken at San Francisco, 1 piece.  
Examination, 1 piece.  
Poem, 1 piece.  
Proposal, 1 piece.  
References, 1 piece.

WILLIAMS, HILL

Correspondence, 10 pieces.

WILLOW CREEK BAR PROJECT

Report, 4 pieces.

WINDUST CAVE

Card, 1 piece.  
Correspondence, 3 pieces.  
Detailed stratigraphic descriptions, 9 pieces.  
Notes, 1 piece.

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FILE FOLDERS: (cont.)

WINDUST CAVE (cont.)

Sketch maps, 16 pieces.  
Stratigraphy and geologic dating, 50 pages.  
Thesis, 93 pages.

WISCONSIN UNIVERSITY

Correspondence, 15 pieces.  
Examination, 1 piece.  
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WITHROW, DR. ALICE

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Correspondence, 38 pieces.  
Employment application, 1 piece.  
Job description, 1 piece.  
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Results of sample by percentage, 1 piece.  
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WORMINGTON, H. M.

Correspondence, 2 pieces.

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Miscellaneous, 38 pieces.

YAKIMA BASALT

Miscellaneous, 1 piece.  
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Correspondence, 3 pieces.

INDEXES:

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Apollo 8, 70mm photo indices.

Apollo Mission 8 Lunar Photography index, sheets 1 through 4.

INDEXES: (cont.)

- Apollo Mission 10 photograph indexes, July 1969.
- Apollo 10 photography index, 70mm and 16mm, preliminary.
- Apollo Mission 11 photograph indexes, October 1969.
- Apollo 11 photography index, 70mm and 16mm.
- Apollo 12 photography index, 70mm and 16mm, December 22, 1969.
- Apollo Mission 12 Lunar photography indexes, March 1970.
- Apollo 17 index mapping camera and panoramic camera photographs, November 1973.
- Apollo Mission 17 Lunar photography index maps, November 1973.
- Cumulative, index to NASA Tech Briefs, 1963-1967.

LUNAR CONFERENCES:

- Apollo 11, Lunar Science Conference, abstracts, January 5-8, 1970, Houston, Texas, two copies.
- Abstracts of papers presented at the Fourth Lunar Science Conference, Houston Texas, March 5-8, 1973.
- Abstracts of papers submitted to the Fifth Lunar Science Conference, March 18-22, 1974, parts I and II.
- Fifth Lunar Science Conference, Lunar Science Institute and Lyndon B. Johnson Sapce Center, March 18-22, 1974.
- Fourth Annual Lunar Science Conference, Proceedings, March 5, 1973 through March 9, 1973, Houston, Texas.
- Gemini Summary Conference, Manned Spacecraft Center, Houston, Texas, February 1-2, 1967.
- Lunar Science Conference, Albert Thomas Convention and Exhibit Center, January 11-14, 1971, Houston, Texas.
- Meteoritical Society, 32nd Annual Meeting, October 29-31, 1969.
- NASA 1965 Summer Conference on Lunar Exploration and Science, Falmouth, Massachusetts, July 19-31, 1965.
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PART III  
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LUNAR CONFERENCES: (cont.)

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Proceedings of the Conference on High Pressure Physics and Planetary Interiors, The Lunar Science Institute, Houston, Texas, March 1-3, 1972.

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Proceedings of the Apollo 11 Lunar Science Conference, Houston, Texas, January 5-8, 1970, Volumes 1, 2, and 3.

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Proceedings of the 8th International Congress of Anthropological and Ethnological Science, Tokyo, Volume III, 1968, two copies.

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Armstrong, Neil, MAN-IN-SPACE, zeroxed copy, 15 pages, April 1, 1971.

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Fryxell, Roald, THE LATE WISCONSIN AGE OF MOUNDS ON THE COLUMBIA PLATEAU OF EASTERN WASHINGTON, 16 pages, typewritten, March 1964.

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Fryxell, Roald, Anderson, D., Carrier, D., Greenwood W., and Heiken, Grant, APOLLO 11 DRIVE-TUBE CORE SAMPLES: AN INITIAL PHYSICAL ANALYSIS OF LUNAR SURFACE SEDIMENT, 9 pages, typewritten, January 5, 1970, 2 copies, (one copy is a zeroxed copy).

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Fryxell, Roald, and Heiken, Grant, PRESERVATION OF LUNAR CORE SAMPLES: PREPARATION AND INTERPRETATION OF THREE-DIMENSIONAL STRATIGRAPHIC SECTIONS, 218 pages, zeroxed copy, 3 copies (one copy is only 72 pages, one is 89).

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Fryxell, Roald, Heiken, Grant, and Lindsay, John, LAYERING OF THE LUNAR REGOLITH AT FOUR SAMPLE LOCALITIES, WITH EMPHASIS ON THE APOLLO 12 DRIVE-TUBE SAMPLES, 12 pages, Typewritten, 1971.

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Morrison, Donald A., and Greenwood, William R., STABILIZATION AND PETROGRAPHIC INVESTIGATION OF CORE SAMPLES OF LUNAR SURFACE MATERIAL, 15 pages, typewritten, July 8, 1969.

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MAPS:

Almota, Washington, 1964.

Anatone, Washington, 1946.

Apollo 12 Traverse Map showing sample locations, 1971.

Ashcroft, British Columbia, 1951.

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Ashton, Idaho; Montana; Wyoming, 1960.

Baker, Oregon; Idaho, 1955.

Bellingham, 1957.

Beverly, Washington, 1954.

Bishop, Washington, 1964.

MAPS: (cont.)

- Bitterrott Range (268), April 2, 1959, two copies.
- Boise, Idaho, April 7, 1959.
- Boise, Idaho; Oregon, 1962.
- Bolyston, Washington, 1939.
- Bozeman, Montana; Wyoming, 1965, two copies.
- Brigham City, Utah; Idaho; 1962.
- Bryce Canyon (362), September 19, 1957.
- Burlington, June 23, 1948.
- Buttee, Montana, 1962.
- Cactus Mountain Quadrangle, Idaho; Oregon, 1963.
- Cap Flattery, Washington, 1957.
- Casper, Wyoming, October 1959.
- Casper, Wyoming, 1962.
- Cheyenne, Wyoming; Colorado; Nebraska, 1954.
- Choteau, Montana, 1962.
- Clarkston, Washington; Idaho, 1948, two copies.
- Clayton, Washington, 1951.
- Coeur D'Alene District, 1918.
- Colton, Washington, 1964, two copies.
- Columbia Basin Project, Washington, December 1951.
- Columbia River, Swakane Creek to Foster Creek, Washington, 1948, sheets 1-11.
- Colville, Washington, 1928.

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MAPS: (cont.)

Coulee City, Washington, 1965.

Crater Lake, (304), January 14, 1960.

Cut Bank, Montana, United States; Canada, 1964, two copies.

Deadhorse Ridge, Oregon; Idaho, 1963.

The Dalles, Oregon; Washington, 1953.

Deer Park, Washington, 1949.

Delta, Utah, 1962.

Denver, Colorado, 1953.

Denver, joins Grand Canyon and Wichita, October 1958.

Dillion, Montana; Idaho, 1962.

Driggs, Idaho; Wyoming, 1962.

Elko, October 3, 1958.

Ellensburg, Washington, 1932.

Endicott, Washington, 1950.

Ewartsville, Washington, 1964.

Geologic atlas of the Moon, Fra Mauro Region-Apollo 14, 1970, six copies.

Geologic atlas of the Moon, Julius Caesar Quadrangle, 1967.

Geologic map of the Apennine-Hadley Region of the Moon, Apollo 15 Pre-Mission Map, 1971.

Geologic map of the Apollo 16 (Descartes) Landing Site Area, April 1972, two copies.

Geologic map of Illinois, 1967.

Geologic map of the Northport Quadrangle, Washington, 1971.

Geologic map of part of the Fra Mauro Region of the Moon-Apollo 13, 1970, four copies.

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MAPS: (cont.)

- Geologic Quadrangle maps of the United States, 1954.  
Geologic Quadrangle maps of the United States, 1957.  
Geologic Quadrangle maps of the United States, 1960.  
Geology of the Apollo 16 (Descartes) Traverse Area, April 1972.  
Geology of the Doty-Minot Peak Area, Washington, 1957.  
Geology of the Moon, Rhipaeus Mountains Region, 1965.  
Geology of the Mount Garibaldi Map-Area, British Columbia, 1957.  
Gila River (405), United States; Mexico, March 12, 1959.  
Ginkgo, Washington, 1953.  
Glacier National Park, Montana, 1938.  
Grand Junction, Colorado; Utah, 1965.  
Grave Point, Idaho; Oregon, 1963.  
Great Falls, Montana, 1954.  
Great Salt Lake (305), October 1, 1958.  
Great Salt Lake (305), September 22, 1959.  
Greenacres, Washington; Idaho, 1949.  
Hadley Rille, Apollo 15 Pre-Mission Traverses, nd.  
Hailey, Idaho, 1962.  
He Devil, Oregon; Idaho, 1957.  
Hope, British Columbia, 1942.  
Horseshoe Basin, Washington, 1956.  
Hunters Quadrangle, Washington, 1937.  
Hunters, Washington, 1948.  
Hunters, Washington, 1950.

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MAPS: (cont.)

Idaho, 1960.

Idaho, 1964.

Idaho Falls, Idaho, 1955.

Inchelium Quandrangle, Washington, nd.

Index maps to Idaho, April 1966.

Jameson Lake, Southeast, Washington, 1965, two copies.

Jameson Lake, Southwest, Washington, 1965.

Jim Creek Butte, Oregon; Idaho; Washington, 1963.

Kalispell, Montana, United States; Alberta, Canada, 1961.

Kansas River (360), October 31, 1958.

Kernan Point, Oregon; Idaho, 1954.

Keller, Washington, 1952.

Kirby, Washington, 1964.

Kirkwood Creek, Idaho; Oregon, 1963.

Klamath Falls, September 29, 1961.

La Grande, April 12, 1961.

Lake Louise, United States; Canada, (216), September 15, 1958.

Lake Pleasant, Washington, 1957.

Lander, Wyoming, 1961.

La Push, Washington, 1956.

Laramie Range (306), October 1, 1958.

Laramie Range (306), September 24, 1959.

Leadville, Colorado, 1964.

Lewiston Orchards Quandrangle, Idaho; Washington, 1958.

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MAPS: (cont.)

- Liberty, Washington, 1961.
- Lincoln, Washington, nd.
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Loomis, Washington, 1956.
- Los Angeles, February 1961, two copies.
- Loup Loup, Washington, 1956.
- ~~BOX 64~~  
Lunar Topographic map of Fra Mauro, April 1970.
- Malaga, Washington, 1912, two copies.
- Map showing extent of glaciations in Alaska, 1965.
- Medical Lake, Washington, 1954.
- Miles City, October 24, 1957.
- Milk River (217), April 15, 1954.
- Milk River, United States; Canada, (217), August 25, 1959.
- Moab, Utah; Colorado, 1965.
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Mojave Desert, United States; Mexico, (404), September 9, 1957.
- Mold, Washington, 1965.
- Montana, 1962.
- Montana, 1964, two copies.
- Montrose, Colorado, 1956.
- Moscow West Quadrangle, Washington; Idaho, 1964.
- Mount Rainier National Park, Washington, 1947.
- Mount Shasta, September 30, 1958.
- Mount Spokane, Washington; Idaho, 1950.
- Mount Stuart, Washington, 1961.
- Mount Whitney, Sectional aeronautical chart, 1958.

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Oaksdale, Washington, 1905.

Ogden, Utah; Wyoming, 1960.

Olympic Peninsula, Quandrangle, nd.

Operational geologic map-Apollo 17 (Taurus-Littrow) Landing Area, October 1972, two copies.

Oregon, nd.

Park Lake, Washington, 1965.

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Platte River (307), October 14, 1958.

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Pomeroy, Washington, 1937.

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Preliminary geologic map of the Loon Lake Quadrangle, Stevens and Spokane Counties, Washington, 1969, two copies.

Preliminary geologic map of the Schickard Quadrangle of the Moon, 1971.

Preliminary geologic map and sections of the Magnesite belt, Stevens County, Washington, 1957.

Preston, Idaho; Wyoming, 1962.

Price, Utah, 1962.

Priest Rapids, Washington, 1948.

Pullman Quadrangle, Washington-Whitman Company, Topographic, 1964.

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Pullman, Washington; Idaho, 1951.

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MAPS: (cont.)

Rapid City, September 1959.

Rawlins, Wyoming; Colorado, 1962.

Reno, August 1958.

Ritzville, Washington, 1965.

San Diego, October 3, 1956.

Sandpoint, Idaho; Washington; Montana, 1963.

San Francisco Bay (364), March 17, 1958.

San Francisco, California, March 20, 1959.

Salina, Utah, 1962.

Salt Lake City, Utah; Wyoming, 1954.

Seattle, Washington, April 7, 1958.

Shelby, United States; Canada, 1958.

Shoup, Idaho; Montana, 1960, two copies.

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Box 64 ✓ Skylab S190A, SL-4 data Takes-World Wide, February, 1974.

Soap Lake, Washington, 1956.

Sonora River, United States; Mexico (471), March 9, 1956.

Spokane, Washington, 1950.

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Spokane, Washington, April 22, 1959.

Status of aerial Mosaics, June 1958.

Status of topographic mapping, January 1959.

Stratford, Washington, 1956.

Surveyor III site 1:2000 1st edition January 1968.

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Taurus-Littrow Region-Apollo 17.

MAPS: (cont.)

Tectonic structure on the main part of the basalt of the Columbia River Group  
Washington, Oregon, and Idaho, 1970.

Thermopolis, Wyoming, 1962.

Tooele, Utah, 1962.

Torrington, Wyoming; Nebraska, 1954.

Twins Falls, Idaho, 1955.

Ulysses, Mountain, Idaho, 1960.

Vancouver Island, United States; Canada (215), January 27, 1961.

Vantage, Washington, 1954.

Vancouver, Washington; Oregon, 1964.

Victoria-Vancouver, British Columbia, 1957, two copies.

Wallace, Idaho; Montana, 1960, three copies.

Walla Walla, Washington; Oregon, 1953.

Walla Walla, Washington: Oregon, 1964.

Wapshilla Creek, Idaho; Oregon, 1963.

Washington, 1961.

Washington, 1964.

Washtucna, Washington, 1923.

Wheeler, Washington, 1923.

White Sulphur Springs, Montana, 1965.

Wilmont Creek Quadrangle, Washington, 1948.

Wolf Creek, Idaho; Oregon, 1963.

Yellowstone River (267), November 7, 1956.

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SPOKANE DAILY CHRONICLE  
Spokane, Washington  
Monday, February 26, 1973

NOTEBOOKS:

*Box 35*

Application of strain ellipsoid theory to stone working techniques, March, 1968, 23 pages.

Collecting useful soil samples from archaeological sites, 27 pages.

Description, dissection and sub-sampling of lunar core, 118 pages.

*Box 40*

Factors controlling the preservation, orientation and deformation of fossil logs in the Ginkgo Flow, Yakima Basalt, 1961, 46 pages.

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*49*

Generalized geologic history and glacial features, Colville Indian Reservation, Washington, 1959, 28 pages.

Geology of a part of the Boylston Quadrangle and Adjacent areas, in Central Washington, 1955, 43 pages.

Miscellaneous data on core samples, 101 pages.

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Skylab photography notes, Washington State University, 24 pieces.

A study of museum facilities proposed for rocky reach hydroelectric power project, 41 pages.

PAMPHLETES:

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Dupont, ELVACITE ACRYLIC RESINS, Dupont De Nemours and Company, Wilmington, Delaware, 1970.

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Houston Magazine, HOUSTON INTERCONTINENTAL AIRPORT, Chamber of Commerce, Houston, Texas, nd.

Lick Observatory, ASTRONOMICAL PHOTOGRAPHS, University of California, Mount Hamilton and Santa Cruz, California, 1972.

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Lunar Science Institute, LUNAR SCIENCE INSTITUTE, Lunar Science Institute, 1971.

Short, Nicholas M., and Lowman, Paul D, Jr., EARTH OBSERVATIONS FROM SPACE: OUTLOOK FOR THE GEOLOGICAL SCIENCES, Goddard Space Flight Center, Greenbelt, Maryland, October 1973.

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THE AMERICAN ALPINE JOURNAL

Volume 14  
Number 38 and 39  
1964 and 1965

EARTH AND PLANETARY

Volume 9  
Number 2  
September 1, 1970

EARTH AND PLANETARY SCIENCE LETTERS

Volume 13  
Number 2  
January 1972

PHOTOGRAPHIC APPLICATIONS

Volume 4  
Number 15  
January 1970

SCIENTIFIC AMERICAN

Volume 227  
Number 4  
October 1972

PHOTOGRAPHS:

85, 10 x 10, air photos, unidentified area.

60, 7 x 8, air photos, Washington coast line Queets River to Qzette Indian Reservation, WN.

1, 8 x 10, photograph of the Apollo 17 command module, with Astronauts, Eugene A. Cernan, Ronald E. Evans, and Harrison H. Schmitt aboard, nears splashdown in the South Pacific Ocean to successfully conclude the final lunar landing mission in NASA'S Apollo program.

1, 8 x 10, photograph of Apollo 17 liftoff from Kennedy Space Center, Florida.

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PHOTOGRAPHS: (cont.)

- 1, 8 x 10, photograph of Astronaut Eugene A. Cernan making a short checkout of the lunar roving vehicle during the early part of the Apollo 17 mission.
- 1, 8 x 10, photograph of Astronaut Eugene A. Cernan standing near a overhanging rock during the third Apollo 17 lunar surface extravehicular activity.
- 1, 8 x 10, photograph of Astronaut Harrison H. Schmitt collecting lunar rake samples at station 1.
- 1, 8 x 10, photograph of Astronaut Harrison H. Schmitt seated in the lunar roving vehicle at station 9.
- 2, 8 x 10, photograph of Astronaut Harrison H. Schmitt standing next to the deployed U. S. Flag during lunar surface extravehicular activity at the Taurus-Littrow landing site.
- 1, 8 x 10, photograph of Astronaut Harrison H. Schmitt at station 4, working at the lunar roving vehicle during the second Apollo 17 extravehicular activity.
- 3, 8 x 10, photograph of Astronaut Harrison H. Schmitt working beside a huge boulder at station 6.
- 1, 8 x 10, photograph showing Astronaut Ronald E. Evans performing extravehicular activity during the Apollo 17 spacecraft's transearth coast.
- 1, 8 x 10, photograph of Astronaut (unidentified) during the Apollo 17 mission.
- 1, 8 x 10, photograph of basalt dike and contact with basalt flow. Prospecting pick is stuck in contact with handle down. This dike is exposed on the east wall of the Upper Grand Coulee approximately fifteen miles from Coulee Dam, Washington. Photograph taken April 18, 1950.
- 1, 8 x 10, photograph of basalt dike which cuts the lower basalt flow. Approximately fifteen miles from Coulee Dam, Washington.
- 1, 8 x 10, photograph of the command and service module from the lunar module challenger during rendezvous and docking maneuvers in lunar orbit.
- 1, 8 x 10, photograph of the earth appearance in the far distant background above the hi-gain antenna of the lunar roving vehicle.
- 2, 8 x 10, photographs of east upper coulee wall with basalt dike cutting lower one half of exposed basalt flows. This dike is approximately fifteen miles from Coulee Dam, Washington.

BOX 43

PHOTOGRAPHS: (cont.)

- 1, 8 x 10, photograph of flow contacts in the Yakima Basalt.
- 1, 6 x 9, photograph of a group of unidentified people.
- 1, 8 x 10, photograph of geologist G. E. Neff and District Geologist W. E. Walcott standing at contacts of basalt dike and flows, approximately fifteen miles from Coulee Dam, Washington.
- 29, 10 x 10, photographs of Hawaii, aerial shots.
- 5, 8 x 10, photographs of Hawaiian project.
- 1, 8 x 10, photographic map of the lunar nearside with cross marks indicating the location of the landing sites of Apollo 11, 12 and the Russians' unmanned luna 16.
- 2, 8 x 10, NASA photographs, of unidentified desert land.
- 6, 8 x 10, NASA photographs, of unidentified room with baroque ceiling.
- 1, 8 x 10, photograph taken November 14, 1950 of a small phenomena located in the south central part of Section 29, Township 17 North, Range 29 East, Willamette Meridian. Erosion has removed the disturbed, blocky basalt around this and the material in its center leaving a resistant ring of upturned sheeted basalt.
- 1, 8 x 10, photographic map of preliminary traverse sample localities, Apollo 12 landing site.
- 5, 8 x 10, photographs of Priest Rapids Development, P. U. D. of Grant County, Washington.
- 1, 8 x 10, phenomena in Basalt Flows. Photographs taken November 14, 1950 showing the typical circular plan located in the southwest quarter of Section 33, Township 17 North, Range 29 East, Willamette Meridian. The more deeply eroded center is ringed by a narrow rim of upturned sheeted basalt.
- 1, 8 x 10, photograph of a phenomena found a few miles south the O'Sullivan Dam on the Columbia Basin Project.
- 1, 8 x 10, photograph of rim of a phenomena in basalt flows, photograph taken November 14, 1950.
- 1, 8 x 10, photograph of Roald Fryxell, Mrs. Roy Meal, and Owen Belnap.
- 47, 4 x 5, photographs of samples brought back from the Moon.

Box 43

Box 44

PHOTOGRAPHS: (cont.)

3, 4 x 15, photographs of samples brought back from the Moon.

2, 6 x 15, photographs of samples brought back from the Moon.

338, 8 x 10, photographs of samples brought back from the Moon.

17, 8 x 10, photographs of the surface of the Moon.

1, 8 x 10, photographs of the Three Apollo 17 crewmen arrive aboard the prime recover ship, U.S.S. Ticonderoga.

79, 9 x 9, USDA air photographs, Columbia River.

5, 5 x 9, photographs of unidentified area.

3, 7 x 10, photographs of unidentified area.

17, 8 x 10, photographs of unidentified areas.

4, 8 x 10, photographs of a view of the area at station 4 showing the now highly-publicized orange soil which the Apollo 17 crewmen found on the moon during the second Apollo 17 extravehicular activity at the Taurus-Littrow landing site.

50, 4 x 5, photographs of the Wanapum Development, P. U. D. of Grant County, Washington.

10, 5 x 7, photographs of the Wanapum Development, P. U. D. of Grant County, Washington.

87, 8 x 10, photographs of the Wanapum Development, P. U. D. of Grant County, Washington.

1, 8 x 10, photograph of the water-level view of the Apollo 17 command module floating in the Pacific following splashdown and prior to recovery.

PHOTOGRAPH ALBUMS:

1. Apollo 11 data, 42 pages.

2. Samples brought back from Moon, 21 pages.

3. Apollo 11 data, 29 pages.

4. Apollo 15 data, 19 pages.

5. Data on Moon, Apollo 15, 153 pages.

6. Samples brought back from Moon, 49 pages.

Box 44

Box 45

Box 46

Box 47

Box ~~48~~ 49

Box 48

by collection  
Box 47

PHOTOGRAPH ALBUMS: (cont.)

- Box 49 [ 7. Lunar core dissection procedures, 14 pages.
- [ 8. Lunar core samples, 17 pages.
- Box 50 [ 9. Lunar core samples, 57 pages.
- Box 51 [ 10. Lunar core samples, 30 pages.
- ~~Box 47~~ [ 11. Apollo 14, drive-tube core sample dissection description and sub-sampling; stabilization procedures, 153 pages.
- Box 51 [ 12. Core samples, 16 pages.
- ~~Box 47~~ [ 13. Apollo 12 data, 30 pages.

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PRELIMINARY DATA ON LUNAR GROUND BROUGHT TO EARTH BY AUTOMATIC PROBE, Vinogradov, A. P., nd.

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DESCRIPTION OF CORE SAMPLES RETURNED BY APOLLO 12  
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EXPERIMENTAL DEVITRIFICATION OF PHYOLITE GLASS  
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PROCEDURE FOR APOLLO 11  
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LUNAR-SURFACE CLOSEUP STEREOSCOPIC PHOTOGRAPHY ON THE OCEAN OF STORMS  
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MINERAL SEPARATION-TECHNIQUES, PROCESSES, AND APPLICATIONS  
August 1968

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nd

Box 52 PLANETARY AND EARTH SCIENCES DIVISION LUNAR SAMPLES CURATOR  
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PRELIMINARY EVALUATION OF THE CORING POTENTIAL OF THE APOLLO LUNAR SURFACE  
DRILL TITANIUM CORE STEM  
May 1971, two copies

SEMINAR ON SPACE EXPLORATION  
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STRATIGRAPHY OF THE APOLLO 15 DRILL CORE  
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SUMMARY OF APOLLO 11 CHEMICAL, AGE, AND MODAL DATA  
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Analyses of APOLLO 12 SPECIMENS: COMPOSITIONAL VARIATIONS, DIFFERENTIATION  
PRECESSED, AND LUNAR "SOIL" MIXING MODELS, Gordon G. Goles, Andrew R. Duncan,  
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MISCELLANEOUS:

Agenda, for Science Working Panel, September 30 through October 1, 1971.

Announcements, 3 pieces.

Cards, 3 pieces.

Draft of news release.

Drawings, 44 pieces.

Duplicate copy of the plaque put on the Moon, on the first Apollo Mission, signed by Neil A. Armstrong, Michael Collins, Edwin E. Aldrin, Jr., and Richard Nixon.

Guidebooks; ON THE MOON WITH APOLLO 17, December 1972, and WELCOME!, 1969.

Identification tag for Roald Fryxell, at the Fifth Lunar Science Conference Houston, Texas, March 18-22, 1974.

List of telephone numbers of visiting scientists, April 1974.

LSI Staff Telephone directory, April 1974.

Lunar sample information documents, 2 pieces.

Membership application of Idaho Association of Professional Geologist, Inc., blank, (not filled out).

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Box 62

Box 61

In picture  
Room

Box 62

MISCELLANEOUS: (cont.)

Box 62

Miscellaneous 3 x 5 cards, in wooden box.

En picture room  
Box 67

Miscellaneous copy in preparation or for slides, two folders, containing 155 pieces.

Miscellaneous notes, unidentified, 72 pieces.

Notes on the occurrence of Silicified Wood from the Ginkgo flow of the Yakima Basalt Formation, Washington.

Box 62

Operating Plans, starting with page 57.

Photographic work request, 2 pieces.

Pocket size notebooks, 4 pieces.

Box 63

Poster on the National Parks Centennial Commission, National Parks Service, nd.

Predoctoral research fellowships, 1966.

Preliminary description of core 15006; Apollo 15 Mission.

Proposal, 1 piece.

Scale model of Apollo site 7, 36" by 36", in wooden frame. - Art storage

Box 62

Seminar program, 1965.

Vita on Grant H. Heiken, 1 piece.

Wooden block with the NASA sticker attached to it.

Work schedule, December 19, 1952.

Zeroxed copy of Apollo Cores fact book.

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Gene M. Gressley  
Director

GMG/cw

ADDENDUM:

FILE FOLDERS:

PALYNOLOGY HANDOUTS

Handouts, 42 pieces.

SCIENCE WORKING PANEL

Minutes of meeting, 17 pieces.

LUNAR CONFERENCES:

Proceedings of the Second Lunar Science Conference, Houston, Texas, January 11-14, 1971, Volumes I, II, and III.

Box 65

Box 66



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July 9, 1976

THE ROALD FRYXELL COLLECTION

RECEIPT for the gift received of Mr. F. M. Fryxell.

CHRISTMAS CARD:

1, cover drawn by RF [Raold Fryxell], 1954.

DRAWING:

6x10" black and white of #45GR104, drawn by Roald Fryxell, 1962.

PAINTING:

4x6" watercolor done by Raold Fryxell, matted. Probably the Marmes Rock Shelter, Washington.

PHOTOGRAPH:

1, 4x6", black and white of Roald Fryxell and Helen Broberg Fryxell, 1956.  
1, 10x13" black and white of Roald Fryxell as ranger in Grand Teton National Park.

F17  
Box 92  
Box 92  
Box 92

Gene M. Gressley  
Director

#6108



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July 30, 1979

THE ROALD FRYXELL COLLECTION

RECEIPT for the gift received of Mrs. Roald (Helen) Fryxell.

ABSTRACTS:

All abstracts are by Roald Fryxell.

"Late Pleistocene History of the Lower Snake River Canyon, Washington,"  
1 page, January, 1964

"Late Wisconsin History of the Wanapum Reservoir Area, Middle Columbia  
River, Washington," 1 page, 15 copies, January, 1964

"Origin and age of Palouse Hills Topography, Eastern Columbia Plateau,"  
2 pages, 2 copies, November, 1966, 1 copy heavily annotated

"Quaternary Geographic Extension of Late Rockfall Frequency Patterns  
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AUDIOTAPES:

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2 7-inch tapes

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Box 68

AUDIOTAPES, CONTINUED:

Box 69

"Washington Report No. 165," n.d., 5-inch tape

Two unidentified 5-inch tapes

Five unidentified 7-inch tapes

BIOGRAPHICAL INFORMATION:

Box 49  
(B-1911)

Eleven typewritten pieces about Roald Fryxell.

Thirteen newspaper clippings about Roald Fryxell.

(B-222-c)

Two pages about Charles Landman, xerox copy.

BLUEPRINTS:

ON SHELF

Ground Floor Commons Building Remodeling, Phase II, 4 blueprints, April 27, 1973

Hatchet Planimeter, Working Drawing, n.d.

Box 69

Lower Monumental Lock and Dam, Snake River, Oregon; Washington and Idaho; Marmes Rock-Shelter Levee, September 23, 1968

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BOOK:

"Lunar Photographs from Apollos 8, 10, 11," Compiled by Robert G. Musgrove, National Aeronautics and Space Administration, Washington, D. C., 1971.

BULLETINS:

Box 69

Augustana College Alumni Bulletin, Fall, 1969

Daubenmire, R. and Jean B. Daubenmire, "Forest Vegetation of Eastern Washington and Northern Idaho," Washington Agricultural Experiment Station, Technical Bulletin 60, December, 1968

News Bulletin of the Explorer's Club, May 15, 1969

University Bulletin, April 20, 1973

Box 92

CARTOONS:

Two framed newspaper clipping cartoons

ON SHELF

CHARTS/DIAGRAMS:

Alkali Flat Creek looking toward Azimuth

Data on size, orientation, and distribution of particles greater than 1 mm, 1969, 6 copies

CHARTS/DIAGRAMS:

- Evolution of an ideal scabland tract
- Explanation of Geologic Mapping Units
- Geographic Sampling of Roza
- Henley Site Area, Alkali Flat Creek, Whitman County, Washington, 1971, 2 copies
- Late Quaternary geochronology of the Wells Reservoir Region, North-Central Washington, 1970, incomplete
- North and east view from Apollo 17 LM Position, 2 copies
- Okanogan Lobe of the Cordilleran Ice Sheet, 1970, 6 copies
- Pebble Images for Visual Roundness, 5 copies
- Position of ecotone in relationship to soil depth in an area of mount topography near Lewiston, Idaho
- Profile of Alkali Flat Creek, Whitman County, Washington
- Receptacle assy-core sample extruder, 1973
- Refractive index changes of chemically-cleaned samples of pumice glass collected from the lower soil horizons of well-drained sites along transects in the Glacier Peak and Mount Mazama areas, 2 copies
- Rock Basins on Summit of Palouse-Snake River Divide
- Roundness of Sedimentary particles
- Schematic geoarchaeological Chronology for Eastern Washington and related areas, 1963
- Schematic Pattern of Development of the Intermontane Western tradition, 1962
- Soils, Palouse Catena, 1965, 2 copies
- South and west view from Apollo 17 LM Position, 3 copies
- Stratigraphic and physiographic relationships of deposits at the Long Lake Reservoir Site, 2 copies
- Stratigraphy of Central Control Block at Marmes Rockshelter
- Taurus-Littrow landing site view from Hi-Gate plus 7 seconds, 4 copies
- Topographic Profile, Highway Cut, Loess Study Section, 4 copies
- Unidentified charts/diagrams--18 pieces

*Box 69*

*on shelf*

~~*on shelf*~~

*Box 69*

*on shelf*

*shelf + Box 69*

CORRESPONDENCE:

TO	FROM	DATE
Roland Reid	Roland Fryxell (hereafter RF)	November 9, 1960
J. W. Mills	RF	November 26, 1960
RF	J. W. Mills	December 9, 1960 attachment
RF	Leigh Ortenburger	April 16, 1962
RF	C. Clement French	July 25, 1962
RF	C. Clement French	May 29, 1963
RF	C. Clement French	August 5, 1963
RF	Alexander Gunkel	September 29, 1963 attachment
C. Clement French	Keith Neilson	September 30, 1963
Richard V. Fisher	RF	January 20, 1964
Paul J. Shumacher	Donald S. Farner	February 6, 1964
RF	C. Clement French	April, 1964
RF	C. Clement French	June 16, 1964
RF	C. Clement French	February 1, 1965
Richard D. Daugherty	Robert J. Drake	February 6, 1965
C. Clement French	RF	February 8, 1965
RF	Bennett T. Gale	June 22, 1965
RF	P. Sinder	July 12, 1965
RF	Mary W. Bostain	July 19, 1965
RF	W. J. Turnbull	July 19, 1965
RF	Earl H. Swanson	July 20, 1965
G. K. Czamanske	Ray Wilcox	July 20, 1965
RF	Ray Wilcox	July 21, 1965
R. J. Fitzwater	Earl H. Swanson	July 22, 1965
RF	Harry H. Batey, Jr.	July 26, 1965
RF	J. B. Sheeler	July 26, 1965
RF	Ginger McIntyre	July 26, 1965
RF	J. W. Bingham	July 27, 1965
RF	Martin -----	August 2, 1965
RF	Douglas Osborne	August 2, 1965
RF	H. E. Hawkes	August 5, 1965
RF	C. Clement French	August 25, 1965
RF	C. Clement French	September 1, 1965
RF	Jack J. Park	February 16, 1966
RF	Jack J. Park	February 23, 1966
RF	C. Clement French	February 23, 1966
W. I. Follett	RF	March 16, 1966
RF	Jack J. Park	March 17, 1966 attachment
RF	Ray Wilcox	April 20, 1966
W. I. Follett	RF	April 23, 1966
Calvin J. Heusser	RF	April 23, 1966 attachment
Robert J. Drake	RF	April 23, 1966
RF	Jack Park	April 26, 1966
Ray Wilcox	C. Hans Nelson	April 26, 1966

Box 69

CORRESPONDENCE, CONTINUED:

TO	FROM	DATE
Dr. Julius Funk	-----	May 2, 1966
-----	J. Funk	May 2, 1966
C. Hans Nelson	Ray E. Wilcox	May 3, 1966
Harold W. Krueger	RF	May 6, 1966
RF	Dee Molenaar	May 6, 1966
RF	C. Clement French	May 17, 1966
RF	Robert E. Bell	May 19, 1966
Allan H. Smith	George A. Williams	June 10, 1966
RF	John Mattion	June 11, 1966
RF	Hobert C. Breigh	June 12, 1966
		attachment
RF	Douglas D. Anderson	June 14, 1966
RF	K. Kobayashi	June 22, 1966
RF	Martha B. Utley	June 23, 1966
RF	C. Clement French	June 24, 1966
RF	Richard D. Daugherty	June 24, 1966
RF	R. E. Brown	June 27, 1966
A. Van Valkenburg	J. F. Short	June 30, 1966
Wenner Gren Foundation	J. F. Short	June 30, 1966
RF	Douglas D. Anderson	July 2, 1966
RF	[Haukus Tamassen]	July 2, 1966
RF	David L. Royster	July 5, 1966
-----	Hal Fritts	July 7, 1966
Ewart M. Baldwin	Charles J. Gebler	November 21, 1968
RF	Ron Bair	November 21, 1968
		attachment
Allan Smith	Paul J. F. Schumacher	May 8, 1969
Alice Withrow	Allan H. Smith	July 21, 1969
Allan H. Smith	Fred S. Honkala	July 25, 1969
Allan H. Smith	RF	July 25, 1969
Paul J. F. Schumacher	Allan H. Smith	August 23, 1969
Allan H. Smith	RF	August 28, 1969
Allan H. Smith	Paul J. F. Schumacher	October 8, 1969
RF	G. Brent Dalrymble	February 13, 1970
RF	Anthony J. Calio	March 3, 1970
RF	Edwin B. Eckel	April 1, 1970
Richard Daugherty	George A. Williams	March 15, 1971
John B. Cornell	RF	May 13, 1971
John B. Cornell	Henry T. Irwin	May 21, 1971
John B. Cornell	Henry T. Irwin	June 9, 1971
RF	Glenn Terrell	June 18, 1971
John L. Kindschuh	John P. Donnelly	August 27, 1971
RF	Leonard Young	September 29, 1971
Gentlemen	C. J. Nyman	October 29, 1971
D. R. Mullineaux	John Westgate	September 18, 1972
		attachment
Henry T. Irwin	Howard H. Hines	April 4, 1972
RF	Ginger McIntyre	June 23, 1972
RF	Sally L. Rubin	June 14, 1973
RF	Raleigh -----	July 12, 1973
RF	Bennett T. Gale	July 20, 1973
RF	[Dauley]	July 29, 1973
RF	Ginger McIntyre	August 3, 1973
		attachment

Box 69

CORRESPONDENCE, CONTINUED:

Box 69

TO	FROM	DATE
RF	John Westgate	August 31, 1973 attachment
Sir/Madam	Brian G. Scott	October 24, 1973 attachment
RF	Vance Haynes	January 22, 1974
RF	Earl E. Chase	January 25, 1974
RF	Ginger McIntyre	March 12, 1974 attachment
Friend	John Montagne	April 11, 1974
RF	James W. Head	April 15, 1974
Eugene P. Kiver	RF	April 16, 1974
Frances W. Ugolini	RF	April 16, 1974
Grants Administrator	Howard E. Mount	May 7, 1974
RF	R. C. Becker	n.d.
RF	Bob -----	n.d. attachment
RF	R. D.	n.d.
Professor Kobayashi	RF	n.d. attachment
Dear Republican	Donald H. Dalton	n.d.
RF	Hobert C. Breigh	n.d. attachments
RF	Elmer Tonn	n.d. attachments
Citizen and Voter	Alphonzo Lee	n.d. attachments
Henry -----	-----	n.d.
RF	Ed -----	n.d.
RF	Gerald L. Borroueman	n.d.

DRAWINGS:

Box 92

<sup>5</sup>  
~~Four framed~~ geological drawings of cross sections  
 One ~~framed~~ drawing of the Marmes Rock Shelter

FILE FOLDERS:

Box 69

Altithermal Climatic Episode--6 pieces  
 Apollo Core Tube Descriptions--Originals--4 pieces  
 Apollo Voice Transcript--Core Tube Opening Procedure--6 pieces  
 A Radiocarbon Limiting Date for Scabland Flooding--19 pieces

Box 70

Bordes Classification--8 pieces  
 Cariguela Fall 1971 Proposal--3 pieces  
 Cariguela Interim Proposal--15 pieces

FILE FOLDERS, CONTINUED:

Cariguella Manuscript, Fall, 1971--1 piece  
Classification of Trade Beads--1 piece  
Demonstration of Techniques--27 pieces (photographs)  
Dessication Polygons--8 pieces  
Dissertation Instructions-University of Idaho--5 units  
Draft of SAA Paper, Methodology and Theory in Archaeology--4 pieces  
Greengo, Robert E.--5 pieces  
GSA Papers and Correspondence--7 pieces  
Interpretation of Paleoenvironments--1 piece  
Konizeski, Richard L.--3 pieces  
Lake Lewis Manuscript--10 pieces  
Late Wisconsin Age of Mounds in Patterned Ground on the Columbia Plateau  
of Eastern Washington--3 pieces  
Layering in the Palouse Loess--11 pieces  
Lind Coulee--6 pieces  
Lind Coulee Clippings--6 pieces  
Loess Manuscript-1965-H. R. B. Symposium Paper--3 pieces  
Manned Spacecraft Center, Houston, Texas--11 booklets, 2 posters, six  
8 x 10 photographs  
Map Data-Rosalia--23 pieces  
Miscellaneous Draft Copy Sheets--11 pieces  
Miscellaneous Publication Orders--5 pieces  
Monolith Coll. (Project 8153)--2 pieces  
NASA 0062 Budget Data--26 pieces  
Natural Landmarks--2 pieces  
Nelson, Charles G.--23 pieces  
Neve Capped Snow Pillars on Teton Glacier--42 pieces  
News Stories--18 pieces

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Box 71

FILE FOLDERS, CONTINUED:

News Stories-Bremerton Sun--7 pieces  
News Stories-Miscellaneous--1 piece  
Northwest Science--3 pieces  
NPS 0031 Budget Data--3 pieces  
NSF 0044 Budget Data--49 pieces  
NSF 8536 Budget Data--2 pieces  
NSF 8543 Budget Data--13 pieces  
NSF Lab Proposal (Rough Drafts)--117 pieces  
Press--11 pieces  
Press Releases-1970--54 pieces  
Pseudo Artifacts Produced by Natural Pressure and Natural Percussion Flaking--2 pieces  
Publicity-Press Releases & Future Articles--43 pieces  
QSO Budget--35 pieces  
Quaternary Studies--5 pieces  
Rocky Beach Reservoir-Archaeological Site Studies--3 pieces  
San Bernadino County Museum--10 pieces  
Schematic Chronology Chart-East Washington and Related Areas--1 piece  
Selective Service--8 pieces  
Thesis Illustrations--16 pieces  
Thesis Plates--16 pieces  
Thorn Thicket Site--13 pieces  
Through A Mirror, Darkly--3 pieces  
Topographic Index Maps-Pacific Northwest--3 pieces  
USNPS Registry of Natural Landmarks--6 pieces  
Vantage Area-1961--1 piece

Box 71

Box 72

FILE FOLDERS, CONTINUED:

Box 12  
Box 13

- Washington Index to Geologic Mapping--1 piece
- Washington State University--55 pieces
- Walls Reservoir Project, USNPS, 1964-65--34 pieces
- Wild Research Committee--3 pieces

Unidentified title--46 pieces

The following file folders are plates for NASA Publication:

- Fig 1-- 1 piece correspondence, April 19, 1974  
1 8 x 10 black and white photograph of deep drill at the ALSEP site during EVA 1  
Four xerox copies of Fig 1 (A)
- Fig 2-- Four 3 1/2 x 4 1/2 unidentified black and white photos  
One 8 x 10 black and white photo of the Luna 16 core  
One 8 x 10 black and white photo of the Luna 20 core  
Five 8 x 10 black and white photos of Russian Lunar samples  
One 8 x 10 black and white photo of a Russian moon map  
One 8 x 10 black and white photo of Apollo 15 astronaut James B. Irwin  
Three xerox copies of Fig 2
- Fig 3-- Nine 8 x 10 black and white photos of characteristics of small-diameter Apollo drive-tube cores  
Three xerox copies of Fig 3  
Four xerox copies of Apollo 11 drive-tube core samples
- Fig 4-- Four 8 x 10 black and white photos of dissection of lunar core 12025  
Three xerox copies of Fig 4
- Fig 5-- Eight 8 x 10 unidentified black and white photos  
One xerox copy of Fig 5
- Fig 6-- Eight 8 x 10 unidentified black and white photos  
One xerox copy of Fig 6
- Fig 7-- Twenty-one 8 x 10 unidentified black and white photos  
Two 4 x 5 unidentified black and white photos  
One xerox copy of Fig 7
- Fig 8-- One xerox copy of Fig 8
- Fig 9-- Twenty-four 8 x 10 black and white photos of a stabilization experiment  
One xerox copy of Fig 9
- Fig 10-- One xerox copy diagram of Fig 10
- Fig 11-- Two 8 x 10 unidentified color photos  
One 5 x 8 unidentified black and white photo  
One 4 x 5 unidentified black and white photo

FILE FOLDERS, CONTINUED:

Box 73

- Fig 12-- Fifteen 8 x 10 unidentified black and white photos
- Fig 13-- Six 8 x 10 unidentified black and white photos
- Fig 14-- Twenty-two 8 x 10 unidentified black and white photos  
One xerox copy diagram of Fig 14
- Fig 15-- One 5 x 10 black and white photo of lunar drive-tube core sample 14230 after stabilization  
Seventeen 8 x 10 color photos of lunar drive-tube core sample 14230 after stabilization  
Twenty-four 8 x 10 black and white photos of lunar drive-tube core sample 14230 after stabilization  
One xerox copy diagram of Fig 17  
Two xerox copy diagrams of Lunar Core
- Fig 16-- Ten 2 x 4 unidentified black and white photos  
Fourteen 8 x 10 unidentified black and white photos  
One xerox copy diagram of Fig 16
- Fig 17-- One xerox copy diagram of lunar core 14230,56
- Fig 18-- Six 8 x 10 unidentified black and white photos
- Fig 19-- One 8 x 10 unidentified color photo
- Fig 20-- One xerox copy diagram of Fig 20
- Fig 21-- Eight 2 x 4 unidentified black and white photos  
Two 8 x 10 unidentified black and white photos  
One xerox copy diagram of Fig 21
- Fig 22-- Eight 2 x 4 unidentified black and white photos  
Two 8 x 10 unidentified black and white photos  
One xerox copy diagram of Fig 22
- Fig 23-- One xerox copy diagram of generalized relationship of particle size to disturbance in cores from Apollo Lunar Surface Drill

Box 74

- Color Stereo Pair--Two 8 x 10 color photos
- Unidentified--Four 8 x 10 unidentified black and white photos
- Unidentified--One 3 1/2 x 10 unidentified color photo  
Eleven 8 x 10 unidentified color photos  
Fifty-one 8 x 10 unidentified black and white photos  
Five 4 x 5 negatives by McPeak, Clear Lake photography  
Sixteen 8 x 10 color photos of Drill Stem Segment 15003  
Ten 8 x 10 black and white photos of Drill Stem Segment 15003  
48 pieces of xerox diagrams  
6 pieces of graph paper

FILE FOLDERS, CONTINUED:

Box 74

- Unidentified--Thirty 8 x 10 unidentified color photos  
Eight 8 x 10 negatives
- Unidentified--Ten 8 x 10 black and white photos
- Unidentified--Seventeen 8 x 10 unidentified color photos
- Unidentified--Seventy-five 8 x 10 unidentified black and white photos

Box 93  
of 94

INDEX CARDS:

- Anthropology Notes-Addresses-- 450 cards
- Telephone Numbers--375 cards

MANUSCRIPTS:

Box 75

- Fryxell, Roald and David H. McIntyre, "A Possible Miocene Vent Breccia in Basalt," 1 page, carbon copy
- Fryxell, Roald, "A Radiocarbon Date of Scabland Flooding: A Discussion of Its Implications," December, 1961, 2 copies, 15 pages, 12 pages, heavily annotated, carbon and xerox copies
- Fryxell, Roald, "A Radiocarbon Date for Scabland Flooding," March, 1962, 16 pages, typewritten, heavily annotated
- Fryxell, Roald, "Caesar's Invasions of Britain," 1950, 19 pages, typewritten, annotated
- Fryxell, Roald, "Chronological Interpretation of Published Reports," 1 page, mimeograph, n.d.
- Fryxell, Roald, "Collecting and Interpretating Useful Soil Samples from Archaeological Sites," January, 1964, 45 pages, typewritten, heavily annotated
- Fryxell, Roald, G. Heiken and J. Lindsay, "Description of Drive-Tube Core Samples, Apollo 12 Mission," December, 1969, 7 pages, xerox copy
- Fryxell, R., R. M. Mack and V. M. Bryant, Jr., "Early Postglacial Vegetation in the Columbia Basin, Washington: A Reappraisal," xerox copy, heavily annotated, 13 pages, n.d., 4 attachments
- Fryxell, Roald, "Geologic Background Studies, WSU Archaeology Salvage Program," January, 1960, 23 pages, xerox copy, annotated
- Fryxell, Roald, "Giant Boulders Transported by Pleistocene Floods in Eastern Washington," 14 pages, carbon copy, n.d., annotated
- Fryxell, Roald, Richard D. Dougherty and Carl E. Gustafson, "Innovation of a Quaternary Studies Option for the Graduate Program in Anthropology at Washington State University," 1968, 73 pages, mimeograph, heavily annotated

MANUSCRIPTS, CONTINUED:

Fryxell, Roald, "The Last Wisconsin Age of Mounds on the Columbia Plateau of Eastern Washington," March, 1964, 22 pages, typewritten, annotated

Fryxell, Roald, Grant Heiken, John Lindsay, "Layering of the Lunar Regolith at Four Sample Localities with Emphasis on the Apollo 12 Drive-Tube Samples," 10 pages, carbon copy, n.d.

Fryxell, Roald, "Notes on the Occurance of Silicified Wood from the Ginkgo Flow of the Yakima Basalt Formation, Washington," 1961, 6 pages, mimeograph, annotated

Fryxell, Roald, "Preparation of Block Diagrams," 5 pages, mimeograph, 2 copies, n.d.

Fryxell, Roald, "Relative Ages of the Mazama and Glacier Peak Volcanic Ash Layers," 12 pages, carbon copy, n.d.

Fryxell, Roald, "Some Protest Too Much," 2 pages, typewritten, n.d.

Fryxell, Roald, "Stratigraphy and Geologic Dating of the Dent and Windust Caves Archaic Sites, Southeastern Washington," March, 1960, 56 pages, typewritten, heavily annotated

Fryxell, Roald and Richard Daugherty, no title, 1970, Drafts 1, 2 and 3, carbon copy, 3 pages, Drafts 2 and 3 annotated, correspondence attached

Lund, Ernest H., "Evaluation of Lava River Caves State Park," May, 1969, 7 pages, carbon copy

n.a., "Age of Glaciation and Formation of the Scabland," 28 pages, xerox copy, n.d.

n.a., "A Reappraisal of Theories Concerning the Nature and Origin of the 'Palouse Loess' and its Topographic Expression," Tentative Summary, 2 pages, typewritten, n.d.

n.a., "National Registry of Natural Landmarks, John Day Fossil Beds, Oregon," 8 pages, xerox copy, March, 1966

n.a., "Modern Pollen Spectra from the Columbia Basin, Washington," 12 pages, typewritten, xerox copy, heavily annotated, n.d.

n.a., "Pollen Sequence from Creston, Washington: Reappraisal of Late Glacial Vegetation in the Columbia Basin," 14 pages, typewritten, n.d.

n.a., "Problems of Glacial Chronology in Northern Washington," 2 pages, typewritten, n.d.

n.a., "Relationships of Mounds to Present Vegetation Patterns," 2 pages, typewritten, annotated, n.d.

Box 75

MANUSCRIPTS, CONTINUED:

*Box 75* n.a., "Research Possibilities in a State Parks System," November, 1960, 6 pages, typewritten, 2 copies, 1 copy heavily annotated

Eight unidentified manuscripts, no author, no title

MAPS: *all maps unless otherwise marked are in OVERSIZE BOX*

*Box 75* Air Atlas of United Airlines, 1958

*OVERSIZE BOX* Alameda Flat, Washington, 1952, 4 maps *one in Box 75*

Ambler River, Alaska, 1955, 2 maps, 1956, 1 map

Apenine-Hadley Landing Site, Apollo 15, 1971, 2 maps

Apenine-Hadley Region of the Moon, Apollo Pre-Mission Map, 1971

Apollo Lunar Orbit Map, Apollo Mission 15, 1971, 2 maps

Apollo Lunar Orbit Map, Apollo Mission 16, 1972, 2 maps

Apollo Lunar Orbit Map, Apollo Mission 17, 1972, 2 maps

Apollo Seismic Reference Map, 1973, 3 maps

Baird Mountains, Alaska, 1956

Bald Knob, Washington, 1953

Bassett Junction, Washington, 1956

Bellefonte Quadrangle, Pennsylvania, 1908 *Box 75*

Beverly, Washington, 1965

Bishop, Washington, 1964

Bonner County, Idaho, 1946 *Box 75*

Boot Mountain, Washington, 1950, 3 maps *2 in Box 75*

Brewster, Washington, 1957, 3 maps *one in Box 75*

Bridal Veil, Oregon-Washington, 1954 *one in Box 75*

Bridgeport, Washington, 1957, 4 maps *one two in Box 75*

Bruce, Washington, 1954

Bull Lake East Quadrangle, Fremont County, Wyoming, 1965 *Box 75*

Bull Lake West Quadrangle, Fremont County, Wyoming, 1965 *Box 75*

MAPS, CONTINUED:

- Candidate Lunar Landing Site, Fra Mauro, n.d.
- Chiwaukum, Washington, 1901, 2 maps *Box 75*
- Chugach National Forest, Alaska, 1960 *Box 75*
- Clarkston, Washington and Idaho, 1945 *Box 75*
- Coal Fields of the United States, 1926 *Box 75*
- Colville Indian Reservation, 1958
- Conconully, Washington, 1957, 3 maps *two in Box 75*
- Conservation Plan Map, n.d.
- Cooper Gulch, Montana-Idaho, 1956 *Box 75*
- Corfu, Washington, 1965
- Creston Butte, Washington, 1969 *Box 75*
- The Dalles, Oregon-Washington, 1953
- Descartes, Apollo 16 Tracking Chart, 1972
- Disautel Quadrangle, Washington, 1952, 4 maps *one in Box 75*
- Ephrata, Washington, 1956 *Box 75*
- Fra Mauro Region of the Moon, Apollo 13, 1970, 2 maps
- Fremont County, Wyoming, n.d. *Box 75*
- Fremont Lake Quadrangle, Sublette County, Wyoming, 1959 *Box 75*
- Glacier Peak, Washington, 1950 *Box 76*
- Goodnews, Alaska, 1954, 2 maps, 1951, 1 map
- Grand Coulee Dam, Washington, 1950, 4 maps *one in Box 76*
- Grand Teton National Park, Teton County, Wyoming, 1951 *Box 76*
- Grant, Adams and Franklin Counties, Washington, 1971, 6 maps *Box 76*
- Hadley Rille, View from Hatch Opening, 1971
- Hawaiian Volcanoes, 1967 *Box 76*
- Hay Quadrangle, Washington, 1954, 2 maps *Box 76*
- Haas Quadrangle, Washington, 1954 *Box 76*

MAPS, CONTINUED:

- Hans Quadrangle, Washington, 1954 *Box 76*
- Helmer Mountain, Washington-Idaho, 1967 *Box 76*
- Henley Archaeological Site, 1970, 8 maps
- Holding, Washington, 1944 *Box 76*
- Hood River, Oregon-Washington, 1957 *Box 76*
- Hunters Quadrangle, Washington, 1950, 2 maps, 1948, 2 maps - *one in Box 76*
- Husum, Washington, 1957 *Box 76*
- Illinois, 1949 *Box 76*
- Inchelium, Washington, 1950 *B*
- Index to National Topographic Maps, 1973 *Box 76*
- Index to National Topographic Maps of Idaho, 1972 *Box 76*
- Index to Topographic Maps of Oregon, 1972 *Box 76*
- Index to Topographic Maps of Washington, 1965 *Box 76*
- Jackson Quadrangle, Teton County, Wyoming, 1972 *Box 76*
- Keller, Washington, 1952, 2 maps
- LaCrosse, Washington, 1950 *Box 76*
- Leavenworth, Washington, 1964
- Lincoln County, Washington, 1970, Annual Precipitation *Box 76*
- Lincoln County, Washington, 1970, General Soil Map *Box 76*
- Lincoln Quadrangle, Washington, 1948, 3 maps, 1950, 2 maps - *one Box 76*
- Lind Coulee Site, Excavations, 1950-52, 1972-73
- Location of Glacier Peak Tephra Deposits, n.d., 3 xerox copies *Box 76*
- Long Diameters of Lapilli, n.d., 2 xerox copies *Box 76*
- Lucerne, Washington, 1944 *Box 76*
- Lunar Orbital Science Flight, 1972, 8 maps
- Lunar Planning Chart, May, 1971, 4 copies

MAPS, CONTINUED:

- Macaill, Washington, 1964 *Box 76*
- Mare Nectaris-Mare Imbrium, Lunar Map, 1961
- Marengo, Washington, 1964 *Box 76*
- Moses Lake, Washington, 1956
- Mount Bonaparte, Washington, 1957, 3 maps *on Box 76*
- Mount Hadley, n.d.
- Mount Robot Quadrangle, Transantarctic Mountains, Antarctica, 1970 *Box 76*
- National Reactor Testing Station, Idaho, Showing Water Table Contours as of April, 1953 *Box 76*
- Nespelem Quadrangle, Washington, 1950, 3 maps
- Nome, Alaska, 1950, 4 maps
- Okanogan, Washington, 1957, 4 maps, 1948, 1 map, 1958, 1 map, n.d., 1 map *3 Box 76*
- Omak Lake, Washington, 1953, 5 maps *3 in Box 76*
- Oroville, Washington, 1957, 5 maps *3 in Box 76*
- Orwig Hump, Washington-Idaho, 1967 *one in Box 76*
- Othello, Washington, 1954
- Penawawa Quadrangle, Washington, 1955 *Box 76*
- Pendleton, Oregon-Washington, 1953
- Pinar, profiles, n.d., 2 maps
- Pleistocene Lakes in the Great Basin, 1964 *Box 76*
- Pullman, Washington-Idaho, 1955 *Box 76*
- Reardan, Washington, 1953 *Box 76*
- Beneuch*  
Renewal County, Idaho, 1946 *Box 76*
- Revere, Washington, 1964 *Box 76*
- Rima Hadley Lunar Photomap, 1970, Sheet A, 2 maps, Sheet B, 2 maps
- Ritzville, Washington, 1953, 2 maps, 1959, 1 map *2 in Box 76*
- Sandpoint, Washington-Idaho-Montana, 1958 *Box 76*

MAPS, CONTINUED:

Sealawik, Alaska, 1957

Seventeenmile, Washington, 1953

Sieler, Washington, 1956

Skungnak, Alaska, 1955

Smyrna, Washington, 1965

~~Smith - Box 76~~ Southern Okanogan Valley and Plateau, 1970, 8 maps - 4 in Box 76

Spokane, Washington-Idaho-Montana, 1955, 2 maps Box 76

Starbuck Quadrangle, Washington, 1954, 2 maps Box 76

Stenkin, Washington, 1902

Tactical Pilotage Chart, 1971 Box 76

Taurus Littrow, Apollo 17 Tracking Chart, 1972, 2 maps

Telford, Washington, 1969 Box 76

Texas Lake, Washington, 1964 Box 76

Tiffany Mountain, Washington, 1956 Box 76

Tonasket, Washington, 1957, 5 maps 3 in Box 76

Turtle Lake, Washington, 1948, 1 maps, 1950, 2 maps, 1957, 1 map 2 Box 76

Twin Lakes, Washington, 1952

Unidentified maps--25 pieces Box 76

Unidentified moon maps--2 pieces

USAF Lunar Wall Mosaic, Moon, 1962, 2 maps

Valsequillo Project, 1973, 4 maps

Walla Walla, Washington-Oregon, 1953

Wallingford, Connecticut, 1958 Box 76

Warden, Washington, 1954

Washtunca, Washington, 1923 Box 76

Wellpinit Quadrangle, Washington, 1953, 4 maps 2 Box 76

Wenatchee, Washington, 1913

MAPS, CONTINUED:

- Wenatchee, Washington, 1915, Reprinted 1948
- Wenatchee, Washington, 1957
- Western Canada and Alaska Highway, n.d. *Box 76*
- Wheeler, Washington, 1965
- Wheeler Northeast, Washington, 1956
- Whitman County, Washington, Annual Precipitation Average, 1971
- Wilbur, Washington, 1950, 2 maps, 1948, 1 map *1 in Box 76*
- Willard, Washington, 1957 *Box 76*
- Wilmont Creek, Washington, 1948, 2 maps, 1950, 1 map
- Yacolt, Washington, 1956 *Box 76*
- Yakima, Washington, 1958, 2 maps *1 in Box 76*
- Yellowstone National Park, Wyoming-Montana-Idaho, 1961 *Box 76*

MEMORANDA:

*Box 78*

TO	FROM	DATE
John D. Lillywhite	B. Ehrentraut	December 14, 1964
Roald Fryxell (hereafter RF)	W. Beasley	February 1, 1965
RF	W. Beasley	April 29, 1965
Carl Pettibone	C. Clement French	July 22, 1965
James F. Short	RF	January 5, 1966
Richard D. Daugherty	C. Clement French	January 6, 1966
Payroll	C. Clement French	June 28, 1966
RF	B. Ehrentraut	December 5, 1966
Payroll	W. Beasley	April 5, 1967
Secretary of the Interior	Melville B. Brosvenor	November 9, 1967
RF	C. J. Nyman	November 26, 1968
Allan H. Smith	RF	June 12, 1969
Allan H. Smith	RF	August 6, 1969
Robert Boord	RF	October 6, 1969
TH/Manager	Paul W. Gast	January 15, 1970
Willis Sibley	Balduin Ehrentraut	January 29, 1970
-----	J. T. Kimbrell, et. al.	March 26, 1970
R. D. Daugherty	C. J. Nyman	December 1, 1970
RF	Balduin Ehrentraut	May 2, 1972
Douglas D. Miller	Ruth Ann Kirk	June 23, 1972
RF	Ruth Ann Kirk	July 31, 1972
RF	Kenneth L. Fortner	August 8, 1972
RF	Ruth Ann Kirk	September 18, 1972

MEMORANDA, CONTINUED:

TO	FROM	DATE
Howard Mount	RF	October 24, 1972
RF	Raleigh Ferrell	November 8, 1972
RF	Ruth Ann Kirk	December 13, 1972
Payroll	Kenneth L. Fortner	January 2, 1973
RF	William M. Collins	January 10, 1973
RF	Ruth Ann Kirk	January 12, 1973
Raleigh Ferrell	Ann M. Irwin	January 12, 1973
RF	Raleigh Ferrell	January 15, 1973
Raleigh Ferrell	Ken Fortner	January 19, 1973
Rexford Daubenmire & RF	V. L. Shelton	February 8, 1973
Robert P. Eoff	Howard E. Mount	February 16, 1973
RF	Ruth Ann Kirk	February 22, 1973
Kenneth Fortner	RF	February 23, 1973
Howard E. Mount	RF	February 25, 1973
RF	Raleigh Ferrell	March 6, 1973
RF	Ruth Ann Kirk	March 7, 1973
Raleigh Ferrell	Rf	March 20, 1973
RF	Ruth Ann Kirk	May 10, 1973
RF	Ruth Ann Kirk	June 13, 1973
RF	Ruth Ann Kirk	July 9, 1973
RF	Ruth Ann Kirk	July 10, 1973
R. D. Daugherty	Ken Fortner	July 17, 1973
RF	Ruth Ann Kirk	July 31, 1973
RF	Ruth Ann Kirk	July 31, 1973
RF	Ruth Ann Kirk	August 6, 1973
RF	Ruth Ann Kirk	August 6, 1973
RF	Ken Fortner	August 20, 1973
RF	Ken Fortner	September 12, 1973
RF	Ruth Ann Kirk	September 14, 1973
RF	Ruth Ann Kirk	September 18, 1973
RF	Ruth Ann Kirk	October 18, 1973
RF	Ruth Ann Kirk	October 18, 1973
RF	Kenneth Fortner	October 19, 1973
RF	Raleigh Ferrell	November 6, 1973
RF	Raleigh Ferrell	November 6, 1973
RF	Ruth Ann Kirk	November 13, 1973
Irvin A. Dyer	Alan A. Johnson	November 28, 1973
RF	Ruth Ann Kirk	December 14, 1973
RF	Ruth Ann Kirk	December 14, 1973
RF	Ruth Ann Kirk	January 18, 1974
RF	R. Spencer Alisch	February 4, 1974
Raleigh Ferrell	R. Spencer Alisch	February 6, 1974
RF	Ruth Ann Kirk	February 8, 1974
Henry Irwin and RF	R. Spencer Alisch	March 8, 1974
RF	Ruth Ann Kirk	March 13, 1974
RF	Howard E. Mount	March 20, 1974
RF	Howard E. Mount	April 9, 1974
RF	Ruth Ann Kirk	April 10, 1974
Spencer Alisch	Gail L. Rowland	April 16, 1974
RF	Ruth Ann Kirk	May 14, 1974
RF	R. Daubenmire	September 10, ----

BT 78

MOTION PICTURES: *all motion pictures unless otherwise marked in OVERSIZE BOX*

Attachment of Gas Probe, July 26, 1969, 1 reel, 16mm — 67813 *BOX*

Box Opening, July 26, 1969, 1 reel, 16mm — 67813

✓ Core Tube in Bio Cabinetry, July 28, 1969, 5 reels, 16mm — 67811

Box 77 - Core Tube Loading, July 27, 1969, <sup>3</sup> 4 reels, 16mm — 67813

Entry of Samples into CRA and Sample Lab, 1 reel, n.d. — 67811/67812

First Americans, 8 reels, n.d. *3 in Box 77*

Lowering S.R.C., July 26, 1969, 1 reel, 16mm — 67811

Lunar Sample, 1 reel, n.d., 16mm — 67811

Marmes - Artifacts, March 31, 1969, 1 reel *BOX 77*

✓ Normal Chamber Operations, July 26, 1969, 3 reels, 16mm — 67812

NSU, 1 reel, n.d. *BOX 77*

Original Bald Butte, 1 reel, n.d. *BOX 77*

Project Sedan, 1 reel, n.d. *BOX 77*

RCL Sample, 1 reel, n.d., 16mm *BOX 77*

✓ Sample Lab R. Cabinet, July 25, 1969, 2 reels, 16mm — 67812

Seal and Transfer of GRC, 2 reels, July 27, 1969, 16mm — 67813

Silent Film, n.d., 1 reel *BOX 77*

Truman Obit, 1 reel, n.d.

Eight unidentified motion pictures <sup>3</sup> ~~4~~ in *BOX 77*

NEWSLETTERS:

- ROUNDUP, Vol. 8, No. 19, July 11, 1969, 2 copies
- Vol. 9, No. 3, November 28, 1969
- Vol. 10, No. 18, July 16, 1971
- Vol. 11, No. 11, April 14, 1972, 3 copies
- Vol. 11, No. 13, May 12, 1972

- WSU REPORTS, Vol. 15, No. 2, Spring, 1969
- Vol. 15, No. 4, Fall, 1969, 3 copies

NEWSPAPER CLIPPINGS:

- 1946--1 piece
- 1953--1 piece
- 1962--11 pieces

*Box 78*

NEWSPAPER CLIPPINGS, CONTINUED:

*Box 78*  
 1964--2 pieces  
 1965--1 piece  
 1966--4 pieces  
 1967--9 pieces  
 1968--66 pieces  
 1969--357 pieces - *Box 78 + 79*  
 1970--139 pieces - *Box 79 + 80*  
 1971--112 pieces *Box 80*  
 1972--202 pieces *Box 80 + 81*  
*Box 81*  
 1973--112 pieces  
 1974--5 pieces  
 n.d.--89 pieces

NEWSPAPERS: *all newspapers in oversize (F17s)*

AUGUSTANA OBSERVER, Vol. 66, No. 23, April 24, 1968, 2 copies  
Vol. 66, No. 25, May 18, 1968, 2 copies

COLUMBIA BASIN DAILY HERALD, No. 259, July 21, 1972, 3 copies

DAILY EVERGREEN, Vol. 78, No. 10, October 1, 1971  
Vol. 79, No. 113, May 2, 1973, 5 copies  
Vol. 79, No. 118, May 10, 1973

DAILY IDAHONIAN, Vol. 76, No. 206, July 21, 1969  
 Vol. 78, No. 121, April 13, 1971  
 Vol. 78, No. 193, July 7, 1971  
 Vol. 78, No. 196, July 10, 1971  
 Vol. 78, No. 198, July 13, 1971  
 Vol. 78, No. 199, July 14, 1971  
 Vol. 78, No. 200, July 15, 1971  
 Vol. 78, No. 201, July 16, 1971  
 Vol. 78, No. 202, July 17, 1971  
 Vol. 78, No. 203, July 19, 1971  
 Vol. 78, No. 204, July 20, 1971  
 Vol. 78, No. 205, July 21, 1971  
 Vol. 78, No. 206, July 22, 1971  
 Vol. 78, No. 207, July 23, 1971  
 Vol. 78, No. 208, July 24, 1971  
 Vol. 78, No. 209, July 26, 1971  
 Vol. 78, No. 210, July 27, 1971  
 Vol. 78, No. 211, July 28, 1971  
 Vol. 78, No. 212, July 29, 1971  
 Vol. 78, No. 213, July 30, 1971  
 Vol. 78, No. 214, July 31, 1971  
 Vol. 78, No. 245, September 7, 1971  
 Vol. 78, No. 247, September 9, 1971  
 Vol. 78, No. 248, September 10, 1971  
 Vol. 78, No. 261, September 27, 1971

HILLTOPICS, Vol. 11, No. 4, April, 1971  
Vol. 11, No. 5, May, 1971

NEWSPAPERS, CONTINUED:

HOUSTON CHRONICLE, Vol. 68, No. 281, July 21, 1969  
Vol. 68, No. 287, July 27, 1969, 3 copies  
Vol. 68, No. 288, July 28, 1969  
Vol. 68, No. 289, July 29, 1969, 2 copies  
Vol. 68, No. 290, July 30, 1969  
Vol. 68, No. 292, August 1, 1969, 2 copies

HOUSTON POST, No. 30,789, July 21, 1969, 2 copies  
No. 30,791, July 23, 1969  
No. 30,795, July 27, 1969, 2 copies  
No. 30,796, July 28, 1969  
No. 30,797, July 29, 1969, 2 copies  
No. 30,798, July 30, 1969, 2 copies

LEWISITON MORNING TRIBUNE, July 17, 1969, 9 copies  
April 6, 1970  
April 10-22, 1970  
April 24, 1970  
April 26, 1970  
July 8, 1971  
July 12, 1971  
July 14-18, 1971  
July 20, 1971  
July 21, 1971  
July 22-29, 1971  
July 30, 1971  
July 31, 1971  
August 1, 1971, 3 copies  
August 2, 1971, 4 copies  
August 3, 1971, 2 copies  
August 4, 1971  
August 5-6, 1971  
August 7, 1971, 2 copies  
August 8, 1971  
September 2-7, 1971  
September 20, 1971  
September 27-30, 1971  
October 1, 1971  
May 15, 1972

MONTGOMERY COUNTY SENTINEL, May 10, 1962

NATIONAL OBSERVER, Vol. 9, No. 14, April 6, 1970  
Vol. 9, No. 16, April 20, 1970

NEWS CITIZEN, Vol. 21, No. 179, July 29, 1969, 2 copies  
Vol. 21, No. 180, July 30, 1969  
Vol. 21, No. 183, August 2, 1969  
Vol. 21, No. 184, August 3, 1969

NEWSPAPERS, CONTINUED:

NEWS OF M.S.C., Vol. 6, No. 19, July 25, 1969, 3 copies  
Vol. 6, No. 23, November 26, 1969, 2 copies  
Vol. 9, No. 51, March 31, 1972, 3 copies

PULLMAN HERALD, Vol. LXXXIII, No. 34, July 22, 1971  
Vol. LXXXIII, No. 35, July 29, 1971  
Vol. LXXXIII, No. 36, August 5, 1971  
Vol. LXXXIII, No. 42, September 16, 1971  
Vol. LXXXIII, No. 44, September 30, 1971

SEATTLE POST INTELLIGENCER, April 19, 1970  
July 25, 1971  
July 27, 1971, 2 copies  
July 29, 1971  
July 31, 1971  
August 1, 1971, 2 copies  
August 2-11, 1971  
August 13, 1971, 2 copies

SEATTLE TIMES, April 19, 1970  
August 1, 1971  
August 7-9, 1971  
December 1-28, 1972  
December 29, 1972, 2 copies  
December 30-31, 1972  
June 3, 1973, Supplement-PICTORIAL

SPACELAND NEWS, Vol. 1, No. 17, July, 1969, 3 copies  
Vol. 1, No. 22, December 16, 1969, 2 copies  
Vol. 1, No. 23, January 9, 1970, 3 copies

SPOKANE DAILY CHRONICLE, No. 270, August 2, 1971  
No. 271, August 3, 1971, 3 copies  
No. 273, August 5, 1971  
No. 274, August 6, 1971

SPOKESMAN REVIEW, No. 319, March 29, 1970, 4 copies  
No. 331, April 10, 1970, 2 copies  
No. 332, April 11, 1970  
No. 333, April 12, 1970  
No. 334, April 13, 1970  
No. 335, April 14, 1970  
No. 336, April 15, 1970  
No. 337, April 16, 1970  
No. 338, April 17, 1970  
No. 339, April 18, 1970  
No. 340, April 19, 1970  
No. 341-343, April 20-22, 1970  
No. 347, April 26, 1970  
No. 81, August 3, 1971  
No. 83, August 5, 1971  
No. 84, August 6, 1971  
No. 85, August 7, 1971

NEWSPAPERS CONTINUED:

THE TIMES, Vol. 86, No. 47, January 24, 1964

NEWS RELEASES:

Augustana College, no title, July 29, 1969, 2 pages

Department of the Interior, "Date of 'Marmes Man' Confirmed; 10,000 Years Old," May 25, 1969, 3 pages

Washington State University, no titles, 2 releases, August 5, 1970 and August 15, 1972, 2 pages

White House "Remarks of the President at the Lyndon B. Johnson Space Center," March 20, 1974, 9 pages

NOTEBOOKS:

Field Notes, Colville Indian Reservation, 1958--60 pages

Hawaiian Trips--16 pages

Interim Report on the Weels Reservoir Archaeological Salvage Project, 1963, Part II--52 pages

Notes from Limnology Lecture and Lab, Forestry 116, University of Idaho, 1966--16 pages

Onion Portage Study Notes, July, 1967--27 pages

U. S. Department of the Interior, December, 1941--29 pieces

University of Idaho Class Notebook--82 pieces

OVERLAYS:

OVERSIZE BOX Whitman County Average Annual Precipitation, 2 pieces, n.d.

OVERSIZE BOXES:

#1 - Newspaper Clippings--1970--29 pieces  
1971--111 pieces  
n.d.--7 pieces

#2 - Newspaper Clippings--1968--11 pieces  
1969--112 pieces  
1971--1 piece  
n.d.--13 pieces

#3 - Bulletin--AUGUSTANA ALUMNI BULLETIN, Series 64, No. 11, Fall, 1969  
Drawings--3 ink drawings  
Newsletter--ROUNDUP, Vol. 9, No. 5, January 2, 1970  
Newspaper Clippings--1968--8 pieces  
1969--1 piece  
1970--28 pieces

*Box 51*

*on shelf*

OVERSIZE BOXES, CONTINUED:

- #3 - Newspapers--DAILY IDAHONIAN, Vol. 77, No. 244, August 31, 1968
- FEDERAL TIMES, Vol. 5, No. 460, January 14, 1970
- PULLMAN HERALD, Vol. LXXVII, No. 39, August 29, 1968
- SPACELAND NEWS, Vol. 1, No. 23, January 9, 1970
- SPOKANE DAILY CHRONICLE, No. 219, June 6, 1968
- SPOKESMAN REVIEW, No. 352, April 30, 1968, 3 copies
- WSU DAILY EVERGREEN, Vol. LXXIV, No. 71, April 19, 1968
- Vol. LXXIV, No. 75, April 30, 1968, 4 copies
- Vol. LXXV, No. 6, October 4, 1968

Periodical--NATURE AND SCIENCE, Vol. 5, No. 12, March 4, 1968

- Photographs-- One 3 3/8 x 4 1/4 unidentified black and white
- One 4 x 5 unidentified black and white
- One 6 3/4 x 9 unidentified black and white
- Two 7 x 9 unidentified black and white
- One 7 x 10 unidentified black and white
- Fifty-one 8 x 10 black and white photos of archaeological sites and finds in Washtunca, Washington where Marmes Man lived
- Two 10 1/2 x 14 unidentified black and whites

Miscellaneous-- News release, 3 pages, n.d.

Periodical clipping from TIME, January 19, 1970

#4 - Newspaper clippings--1969--1 piece

Photographs--Two 10 1/4 x 16 black and white photos of core sample diagrams

#5 - Newspaper clippings--1969--24 pieces

n.d.--2 pieces

Miscellaneous--Two pages of Marmes cutlines

Four xerox copy drawings

*On Shelf*

PAMPHLETS:

THIS IS NASA, Space Photos, Houston, Texas, 1977, 32 pages

TOUCHDOWN ON THE MOON, New American Library, 1969, 14 pages

WITNESSES, no publisher, n.d., 8 pages

PATCHES:

Six framed patches from Apollo XII-XVII

PERIODICAL CLIPPINGS:

Eighteen pieces

PERIODICALS:

ESQUIRE, Vol. LXXIII, No. 1, January, 1970

FORTUNE, Vol. LXXXI, No. 2, February, 1970

*Box 82*

*Artifact storage*

*Box 82*

PERIODICALS, CONTINUED:

GACETA ILLUSTRADA, Vol. XIV, No. 670, August 10, 1969

LIFE, Vol. 67, No. 1, July 4, 1969, 2 copies  
Vol. 67, No. 4, July 25, 1969, 2 copies  
Vol. 67, No. 6, August 8, 1969, 2 copies  
Vol. 67, No. 8, August 22, 1969  
Vol. 67, No. 9, August 29, 1969  
Vol. 67, No. 17, October 24, 1969  
Vol. 67, No. 20, November 14, 1969  
Vol. 67, No. 24, December 12, 1969, 2 copies  
Vol. 68, No. 3, January 30, 1970  
Vol. 68, No. 4, February 6, 1970  
Vol. 68, No. 15, April 24, 1970  
Vol. 68, No. 18, May 15, 1970  
Vol. 68, No. 16, May 1, 1971, 2 copies  
Vol. 71, No. 1, July 2, 1971  
Vol. 71, No. 2, July 9, 1971  
Vol. 71, No. 3, July 16, 1971  
Vol. 71, No. 4, July 23, 1971  
Vol. 71, No. 5, July 30, 1971  
Vol. 71, No. 6, August 6, 1971  
Vol. 71, No. 7, August 13, 1971  
Vol. 71, No. 8, August 20, 1971, 2 copies  
Vol. 71, No. 9, August 27, 1971  
Vol. 71, No. 10, September 3, 1971  
Vol. 72, No. 9, March 10, 1972  
Special Issue, December 29, 1972  
Special Report, 1973

Box 82

MAN ON THE MOON, July 20, 1969

NATURE AND SCIENCE, Vol. 7, No. 4, October 27, 1969

NEWSWEEK, Vol. LXXIV, No. 3, July 21, 1969  
Vol. LXXIV, No. 5, August 4, 1969  
Vol. LXXIV, No. 6, August 11, 1969  
Vol. LXXV, No. 18, May 4, 1970, 2 copies  
Vol. LXXVIII, No. 6, August 9, 1971

SEATTLE, Vol. 5, No. 54, September, 1968

SPOKESMAN-REVIEW, December 26, 1971, 2 copies

TIME, Vol. 94, No. 3, July 18, 1969, 2 copies  
Vol. 94, No. 4, July 25, 1969, 2 copies  
Vol. 94, No. 6, August 8, 1969, 2 copies  
Vol. 94, No. 8, August 22, 1969  
Vol. 94, No. 9, August 29, 1969  
Vol. 94, No. 10, September 5, 1969, 2 copies  
Vol. 94, No. 11, September 12, 1969  
Vol. 94, No. 20, November 14, 1969  
Vol. 95, No. 17, April 27, 1970  
Vol. 96, No. 5, August 3, 1970

Box 83

PERIODICALS, CONTINUED:

Box 83

- TIME, Vol. 98, No. 2, July 12, 1971
- Vol. 98, No. 3, July 19, 1971
- Vol. 98, No. 4, July 26, 1971
- Vol. 98, No. 5, August 2, 1971
- Vol. 98, No. 6, August 9, 1971, 2 copies
- Vol. 98, No. 7, August 16, 1971
- Vol. 98, No. 8, August 23, 1971
- Vol. 98, No. 9, August 30, 1971
- Vol. 100, No. 24, December 11, 1972

- U. S. NEWS AND WORLD REPORT, Vol. LXVII, No. 3, July 21, 1969
- Vol. LXVII, No. 5, August 4, 1969

PHOTOGRAPHS: *all photos unless otherwise marked in Box 84*

~~(AP43-10)~~  
~~AP43-11a~~  
~~(AP43-15)~~  
 Box 49

One 8 x 10 color photo of the Apollo 10 crew - Thomas K. Mattingly II; John W. Young; Charles M. Duke, Jr.

One 8 x 10 color photo of Apollo 11 crew - Harrison H. Schmitt; Ronald E. Evans; Eugene A. Cernan.

Four 8 x 10 color photos and one 8 x 10 black and white photo of Apollo 15

Four 8 x 10 color photos of Apollo 16 ~~(AP43-16a)~~

Twelve 8 x 10 color photos of Apollo 17. Two copies of ten of the photos ~~(AP43-17)~~

One 2 1/2 x 3 1/2 color photo of Ash Falls.

Box 49

Twenty-three 4 x 5 black and white photos of the Colville Indian Reservation.

Six 4 x 6 black and white photos of the Colville Indian Reservation

Thirty 5 x 7 black and white photos of the Colville Indian Reservation

Eleven 8 x 10 black and white photos of aerial views of the glacial geology along the right side of the Columbia River Valley between Grand Coulee Dam and Barry Bar. One piece of correspondence attached

One 7 x 13 black and white photo of Eagle Crest

~~Box 49~~  
~~B-W 582-eh~~

Four 3 5/8 x 4 1/2 color photos of Gemini IV Astronaut Edward H. White II.

Sixty-eight 2 1/4 x 3 3/8 black and white photos plus negatives of Henley Site

Fifty-two 2 1/4 x 3 3/8 black and white photos of Lind Coulee plus 38 negatives

One 7 1/2 x 9 1/2 black and white photo of Lind Coulee

PHOTOGRAPHS, CONTINUED:

- One 8 x 10 black and white photo of Lind Coulee
- One 7 x 31 black and white photo of a lunar core
- One 7 x 9 black and white photo of a Marmes Man skull
- One 10 1/2 x 13 1/2 black and white photo of the Marmes Man skull
- Six 2 3/8 x 3 3/8 black and white photos of Monolith, Henley Site, West Wall
- One 8 x 10 black and white photo of a moon rock
- Seven 8 x 10 color photos of moon rock samples
- One hundred thirty-one 4 x 5 black and white photos of moon rock and dust samples
- Twelve 8 x 10 color photos of Skylab
- One 8 x 10 color photo of the Skylab Prime Crews
- Twelve 8 x 10 color photos of Skylab, Second Manned Space Flight
- One 8 x 10 color photos of the Solar System
- Sixty-one 8 x 10 black and white photos of the Wanapum Development
- Four 8 x 10 black and white photos of north of Wenatchee, Wisconsin
- Two 15 x 15 unidentified black and white photos *OVERSIZE*
- Sixteen 11 1/2 x 14 unidentified black and white photos *OVERSIZE*
- One 3 1/4 x 4 7/16 unidentified black and white photo
- One 3 x 4 3/8 unidentified black and white photo
- One 3 x 4 unidentified black and white photo
- One 3 1/4 x 3 1/8 black and white photos of an unidentified astronaut
- Four 5 x 7 black and white photos of a group of unidentified men
- Three 21 x 24 unidentified black and white photos plus 5 negatives
- One 8 1/2 x 12 unidentified black and white photo
- Nine 8 x 10 unidentified black and white photos
- Ten personal snapshots of a house and a dog plus 3 strips of negatives
- Twenty unidentified snapshots

*Box 49*

*OVERSIZE box*

PROGRAMS:

Augustana College, One Hundred and Twelfth Annual Convocation, Rock Island, Illinois, May 28, 1972

Honor Society of Phi Kappa Phi, April 18, 1972

REPRINTS:

Davis, Hester A., "The Crisis in American Archaeology," SCIENCE, January 21, 1972, pp. 267-272

Dimbleby, G. W., "Pollen Analyses from Two Cornish Barrows," JOURNAL OF THE ROYAL INSTITUTION OF CORNWALL, 1963, pp. 364-375

Dimbleby, G. W., "Pollen Analysis of a Mesolithic Site at Addington, Kent," GRANA PALYNOLOGICA, 4:1, 1963, pp. 140-148

Dimbleby, G. W., "Soil Pollen Distribution in Relation to Organic Horizons," SOIL ORGANIC MATTER, Report No. 3 (1962) of the Welsh Soils Discussion Group, pp. 49-51

Heiken, G. and M. C. McEven, "The Geologic Setting of the Luna 20 Site," EARTH AND PLANETARY SCIENCE LETTERS 17, 1972, pp. 3-6

Lewis, Pierce F., "Linear Topography in the Southwestern Palouse, Washington-Oregon," ANNALS OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS, June, 1960, pp. 98-111

Tubbs, C. R. and G. W. Dimbleby, "Early Agriculture in the New Forest," ADVANCEMENT OF SCIENCE, June, 1965, pp. 88-97

SCRAPBOOKS:

Newspaper Clippings--April 26, 1968-December 31, 1968

Newspaper Clippings--January 2, 1969-March 4, 1969

Newspaper Clippings--January 14, 1972-April 25, 1972

SLIDES:

Apollo 8--54 2 x 2 slides

Apollo 9--54 2 x 2 slides

Apollo 10--58 2 x 2 slides

Apollo 11--80 2 x 2 slides

Apollo 15--58 2 x 2 slides

Apollo 16--32 2 x 2 slides

Apollo 17--2 2 x 2 slides

Box 84  
Box 84  
Box 84

SLIDES, CONTINUED:

Box 84

- Gemini X--15 2 x 2 slides
- Gemini XI--13 2 x 2 slides
- Gemini XII--19 2 x 2 slides
- Twenty-five unidentified slides

STATEMENTS--BUDGET: *Box 85*

8 pieces

STENCILS: *Box 85 x OVERSIZE (F20)*

96 pieces

MISCELLANEOUS:

Box 85

- Advertisement for the Gem and Mineral Show
- Advertising notice from Medicare
- Age, Description, and Correlation of Geological Sediments and Archaeological Components, 2 page table
- Application for Research Grant-in-Aid, 4 pages, mimeograph
- Apollo Mission Photographic Indexes and Index Maps, 3 pages, 2 copies
- Apollo Preliminary Science Reports, 1974, 1 piece, 2 copies
- Astrogeology Reports for Apollo Mission, 2 page list, 2 copies
- Bibliographies, 4 pages, 2 mimeograph copies
- Business cards of Donald H. Dalton--4 pieces
- Calendar Schedule, February-June, no year, xerox copy
- Conference Proceedings, 1974, 1 piece, 2 copies
- Contract between National Park Service and Washington State University, May 14, 1973, xerox copy
- Cover page from Report of Investigations No. 27 - "A Field Guide to the Loose Deposits and Channeled Scablands of the Palouse Area, Eastern Washington," original cover plus 2 xerox copies
- Data Sheets/Notes--7 pieces
- Document- "Customs Hints for Returning U. S. Citizens," Treasury Department, Bureau of Customs, U. S. Government Printing Office, 1967, 25 pages
- Evaluation of Drive-Tube and Surface Drill Core Sampling Equipment, 2 page table

MISCELLANEOUS, CONTINUED:

Geophysical Data Facility Information, 1 page

Ginkgo Petrified Forest Exam Answer Sheet, 2 pieces

Grant to Improve the Scientific quality of the Doctoral Dissertation Submitted by George E. Hudson, 6 pages

Henley Site Ash analysis, 4 pages, handwritten

Inqua World Bibliography of Tephrochronology, 2 pages, xerox copy, 1972

Inter-Departmental Mail, 2 pieces

Introduction given by Dr. Morton Eliason, Augustana College, when Roald Fryxell received an honorary degree, 2 pages, typewritten, n.d.

Invoices and Statements--6 pieces

Leaflet on Dry Falls, A Washington States Park Heritage Site

List of Abbreviations, 1 piece, xerox copy

Listing of Primary Bibliographic Source Materials for Quaternary Studies, 5 pages, mimeograph master

LRL Press Conference on Rock Sample Findings, July 28, 1969, 29 pages, xerox copy

Lunar Sample Information Documents, 2 pages, 2 copies

Lunar Science Institute Information, 2 pages

Lunar Science Institute Contributions Published or Accepted for Publication Since October, 1973, 3 pages, xerox copy

Lunar Science Library Information, 2 pages

Lunar Soil Sample, First Examination, handwritten by Roald Fryxell, 1 page, framed

Material from Field Notebooks and represents information collected when Roald Fryxell was at Shoup, 5 pages, carbon copy

Metal tools and paintbrush--5 pieces

Miscellaneous papers--40 pieces

National Science Foundation Grant, 1 piece

Nomination form for the American Men of Science, 1 piece

Nomination form for Graduate Faculty Membership, 1 piece

Notes from field trip to Central and Northern Washington, 1973, 45 pages

Box 8

MISCELLANEOUS, CONTINUED:

Notes on Archaeological photography: 1. Simple Apparatus for Stereographic Pictures of Artifacts, 2 pages, typewritten, 2 copies

Notice of the death of Dr. Rubey, 1974, 1 page

Order blank for Windbreak and Shelterbelt Plantings

Phi Kappa Phi Undergraduate Nominees, 1973-74, 2 page list, xerox copy

Photo/Map Library Information, 2 pages

Potential Natural Landmark Identification Sheets, 6 pieces

Preliminary Data on Boulders at Station 6, Apollo 17 Landing Site, 56 pages

Price Lists--2 pieces

Profile Description, 8 pages, xerox copy

Publications of the League of Women Voters of Arizona, 4 page list

Report on the Graduate Program at Washington State University, February, 1974, 8 pages, xerox copy

Republican Candidates for May Primaries, 1 piece, n.d.

Request for Approval of Application for Extramural Support, 1971

Request for authority to travel, 3 pages

Sample Information Library, 2 pages

Selected List of Lunar Publications, 1974, 2 pages

Summary of the Fairchild Conference on Mars and Moon, November 8, 1973, 8 pages, xerox copy

Supplements of archaeologists and their works, 105 pages, xerox copy, n.d.

Typewriter backing sheet--1 piece

BAX 85

---

Gene M. Gressley  
Director



THE UNIVERSITY OF WYOMING  
 ARCHIVE OF CONTEMPORARY HISTORY  
 BOX 3334  
 LARAMIE, WYOMING 82071

Copy

February 26, 1982

THE ROALD FRYXELL COLLECTION

RECEIPT for the gift received of Mrs. Roald (Helen) Fryxell  
 March 6 and May 27, 1981:

BIOGRAPHICAL--FRYXELL, ROALD H., 1934-1974, 1 piece, 1 page,  
xerox copy, n.d., [SEE ALSO: BROCHURES]

BOOKLETS AND PAMPHLETS:

"The Interdisciplinary Dilemma", a Case for Flexibility  
 in Academic Thought, by Roald Fryxell, published post-  
 humously by The Augustana College Library, Rock Island,  
 IL, 1977; Augustana College Library Occasional Paper, #13,  
 Edited by Ernest M. Espelie, 1 piece,

"Seminar On Space Exploration", a program published by  
 Augustana College, Rock Island, IL, February 10-12, 1972,  
 [also includes briefs of addresses given], 1 piece,

BOOKS:

GEOCHIMICA ET COSMOCHIMICA ACTA, Journal of the Geoche-  
mical Society and The Meteoritical Society, SUPPLEMENT 5,  
PROCEEDINGS OF THE FIFTH LUNAR SCIENCE CONFERENCE, HOUSTON,  
TEXAS, MARCH 18-22, 1974, VOLUME 1 MINERALOGY AND PETROLOGY,  
 Sponsored by The NASA Johnson Space Center and The Lunar  
 Science Institute, published by Pergamon Press Incorporated,  
 NY, NY, 1974, hardback, excellent condition, [SEE: Page 935,  
 "Preservation of lunar core samples: Preparation and inter-  
 pretation of three-dimensional stratigraphic sections by  
 Roald Frixell and G. Keiken],

Box # 86

BROCHURES:

"Fryxell Overlook Dedication", Palouse Falls State Park, published by the Washington State Parks and Recreation Commission, September 15, 1979, 1 piece, xerox copy of brochure,

CHARTS, DIAGRAMS, AND GRAPHS:

[SEE ALSO: MANUSCRIPTS--REPORTS]

RCL Sample, preliminary description, and core tube observations, July 26, 1969, 1 piece, 1 page, xerox copy, signed by Roald Fryxell,

Lunar Rock Sample, first examination, July 26, 1969, xerox copy signed by Roald Fryxell, 1 piece, 1 page,

Chart showing depth in centimeters in the upper and lower drive tube the lunar surface and morphologic units, 1 piece, 1 page, Draft #1, December 23, 1969, signed by Roald Fryxell, printed chart, 12" x 26", rolled chart in tube,

July 28, 1969, 7 pages of Core Sample Diagrams, xerox copies, August 5, 1969, 1 page of Core Sample Diagrams, xerox copies, n.d., 2 pages of Core Sample Diagrams, xerox copies,

DISPLAY CASE #1 (OVERSIZE):

1 - 12" x 18" x 5" black wooden display case with plexiglass cover, labelled "Simulated Lunar Samples: Stabilized Drive-Tube Cores, prepared July 19, 1969 by the Preliminary Examination Team, Lunar Receiving Laboratory, Manned Spacecraft Center, Houston, TX, Apollo 11 Mission, 1 piece,

DISPLAY CASE #2 (OVERSIZE):

1 - hinged display case with two separate sections that are 15" x 25 1/2" x 2"; black wooden display cases with plexiglass covers, [probably same as the topic listed in Display Case #1], [the plexiglass cover has been removed from one of the hinged sides to allow the case to close; may be attached with screws for display purposes], 1 piece,

Box #86

Box #87  
OVERSIZE  
Art. Sect storage

Box #88  
OVERSIZE  
Art. Sect storage

MANUSCRIPTS:

MAN-IN-SPACE, by Neil Armstrong, National War College, April 1, 1971, inscribed with the caption: "To Roald, With Thanks for Your many Contributions to Apollo - & Beyond--Neil Armstrong, Apollo 11", 16 pages including title page, 1 piece, in a black, spring-back binder, hardback,

MANUSCRIPTS--REPORTS:

"SUGGESTED APPARATUS FOR HANDLING THE OPENED LUNAR DRIVE-TUBE SAMPLE", n.a., charts, diagrams, and graphs, ca. July, 1969, 1 piece, 5 pages, xerox copies,

"Descriptive Data on Drive-Tube Core Samples", preliminary draft of manuscript for 10-page Science article, September, 1969, by Fryxell, Greenwood and Heiken, 1 piece, type-written original, heavily annotated, 4 1/2 pages,

MANUSCRIPTS--SPEECHES:

Untitled, Remarks by William B. Hall upon the occasion of the dedication of the Roald H. Fryxell Overlook, at Palouse Falls State Park, Washington, September 15, 1979, 1 piece, 3 pages, xerox copy of typewritten speech,

NOTEBOOKS:

"Dissection, Description and Sub-Sampling of Lunar Core 70008, Apollo 17", Roald Fryxell, Laboratory of Anthropology, Washington State University, Pullman, WA 99163, 1 black hardback 3-ring binder which consists of the following types of material: handwritten laboratory notes, photographs of Apollo 17 LRV Traverses, lab photos, charts, diagrams, graphs, photographs of Roald Fryxell and J. S. Nagle, photographs of astronauts, the blast-off, the moon, in the form of a photo log, and various notes; 1 piece, 179 pages,

PATCHES:

7 cloth patches, 4" diameter each, listed as follows: Apollo 11, Apollo 12, Apollo 13, Apollo 14, Apollo 15, Apollo 16, and Apollo 17; 7 pieces,

Box #89

Artifact storage

PHOTOGRAPHS:

- 1 - set of 46 - 8" x 10" black and white, and also color photographs of Lunar Rocks, Moon's Surface, Scientists in Lunar Lab, and others, in a separate envelope, 46 pieces,
- 1 - 8" x 10" black and white portrait photograph of Roald H. Fryxell, n.d.,
- 1 - 8" x 10" black and white photograph of a NASA News conference in Houston, TX, 3 geologists: Dr. Clifford Frondel, Harvard University; Prof. Roald H. Fryxell; and Dr. William R. Greenwood [left to right], after the first quick inspection of lunar rock samples collected by Apollo 11 Astronauts, July, 1969,
- 1 - 8" x 10" color photograph of Roald Fryxell working on lunar core samples at the Lunar Receiving Laboratory, NASA, Houston, TX, [1969 probably],
- 1 - 8" x 10" black and white photograph of Roald Fryxell dissecting lunar core samples at Lunar Receiving Laboratory, NASA, Houston, [1969 probably],

Box #89

PHOTOGRAPHS (OVERSIZE):

- 2 - 8" x 10" color photographs mounted on a 13 1/2" x 15 1/4" green matboard of moon rocks; photographs appear to be identical,
- 4 - black and white photographs mounted on an 18" x 20 1/2" matboard with the following description attached: "These four photographs help illustrate the similarity of efforts undertaken to preserve for permanent record the famous "Marmes Man" discovery and an Apollo 14 lunar core sample: in the first picture (Upper Left) a scientist makes preparation to excavate the "Marmes Man" skull from a rockshelter in southeastern Washington; the second photograph shows the skull after removal being treated with a preservative by Dr. Roald Fryxell, Associate Professor of Anthropology At Washington State University, to preserve the historical find as a permanent archeological record. The "Marmes Man" skull is over 10,000 years old, and is the oldest well-documented human remains ever recovered in the Western Hemisphere. It was discovered by Dr. Fryxell in 1968. In the next picture (Lower Left) Astronaut Alan B. Shepard Jr. is seen assembling a double core tube in preparation for taking a core sample at the moon's Fra Mauro site. Finally, the core sample was taken to the Lunar

Box #90  
OVERSIZE

Box #90  
OVERSIZE

PHOTOGRAPHS (OVERSIZE), (CONTINUED):

Receiving Laboratory at the Manned Spacecraft Center in Houston where it was treated with resin by Dr. Fryxell in order to bind the thin strips of lunar core together. Dr. Fryxell was a member of the preliminary examination team which analyzed lunar material taken from the core sample throughout the Apollo manned missions to the Moon."

TOOLS:

Core Tubes [used for gathering samples of the Moon's surface], 4 pieces, metal,

12 tools used by Roald Fryxell for working and studying samples gathered by the Astronauts on the Apollo missions, 12 pieces, [medical and dental tools, mostly], in a brown cardboard box,

Box #91  
Art. List  
Storage

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Gene M. Gressley  
Director

GMG/ljd



**THE UNIVERSITY OF WYOMING**  
**AMERICAN HERITAGE CENTER**  
LARAMIE, WYOMING 82071

PRELIMINARY INVENTORY

THE ROALD FRYXELL COLLECTION, ACC. #6108-85-07-25

Donor: Helen Fryxell  
Inventory Date: January 20, 1986  
Number of Containers: 33  
Type of Containers: record storage boxes (19), oversize boxes (4), map tubes (10)  
Linear Feet: 40'  
Location: 15th St.; Coe Library Photo Archives & Cage  
Subject: AH  
Date Received: July 25, 1985, *August 11, 1982*

Box 1: *(doc)*

Biographical Information

Roald Hilding Fryxell (b. Feb. 18, 1934-d. May 18, 1974), geomorphologist, teacher, mountain climber  
Personal History-Resumes, 4 files  
Early school reports and programs, 1 file  
Faculty Service Reports, 1962-1974, 1 file  
Appointments-Washington State University Anthropology Department, 1962-1970, 1 file  
Newsletters with articles about RHF:  
"Augie Threesome Tame Rolling Thunder", 1955  
"Geologist Strikes Archaeological Gold", 1968  
"Moon Rock Team", 1969  
"Honorary Degrees", 1972  
Obituary accounts, newspaper clippings, memorial service program, biography, 1974, 2 files  
Posthumous honors: Fryxell Overlook, Geological Society of America Memorial, Rotary Club Award, etc. 1975-1978, 5 files  
John Birger Fryxell (brother) 1931-1953, newspaper clippings, memorial service program, 1 file

Artifacts, no dates

Newspaper printing blocks of photographs of or drawings by various members of the Fryxell family, 7 items  
Blocks of original White House material, removed in 1950, 4 items  
Sample bags, empty, 2 items

*Artifact storage*

Box 2:

Artifacts, no dates

Core sample display cases (plastic), empty, 2 items  
Tube of fine white powder, unidentified  
Mounted core samples, probably lunar, with chemical analysis, 1971  
Soil samples from Cariguella, Spain & Creston Bog, Washington State, 3 items  
Toy duck

Artwork, no date

Original cartoons, anatomical and landscape drawings, etc., by RHF or others or unidentified, 8 files

Awards, Certificates, Plaques, 1951-1975

12 items

*(1 item - artifact storage)*

Box 3:

Correspondence Files, 1954-1978

Personal letters and notes between members of the Fryxell family and friends, primarily between RHF and his father, Fritiof M. Fryxell, or brother, Redwood, 1950-1974, 21 files

Fred Ayres, 1954-1955, 1 file

Gene Balaz, 1954-1955, 1 file

Danforth Foundation, 1956, 1 file

Rudolph W. Edmund, 1954-1956, 1 file

Alex Krieger, 1963, 1 file

Leigh Ortenburger, 1955-1959, 1 file

General personal and professional, 1950's-1970's, 5 files

Augustana College, 1963-1973, 1 file

Professional memberships in American Quaternary Association, American Geological Institute, Geological Society of America, Sigma Xi and others, 1959-1973, 5 files

Professional meetings, symposia, congresses and field trips, 1963-1973, 12 files

Geomorphology newsletter, concerning contributions to, 1965, 1 file

Marmes Rockshelter archaeological site, tours and publicity, 1968, 1 file

Condolence letters on RHF's death in an automobile accident, 1975-1977, 1 file

Owen Wister to Fritiof M. Fryxell, photocopy, 1929, 1 item

Diagrams, Graphs, Tables, Maps, 1950's-1970's

Bull Lake, Gormsen, Stevens County, Weis Rockshelter, Gingko Petrified Forest, or unidentified, in Washington State or elsewhere, by RHF or others, 2 files

Northern And Middle Rocky Mountains Field Conference, Supplement To Guidebook E, geologic diagrams of sites in Washington State, 1965

Roald's College Diagrams, 1955-1958, 1 file

Diagrams of Hueyatlaco, Mexico, 1970's, 1 file

Box 4:

Field Notes, 1956-1973

By RHF

Weather Records, Moose Wyoming, 1956, 1 file  
Kettle Falls Area, Washington, 1957, 3 books  
Loess Slumps, 1957, 1 file  
Soil-Topography Relationships, Eastern Washington, 1958, 1 file  
Field Notes 5504, 1958, 1 file  
Field Trips, 1958, 1 file  
Field Ecology Course Notes, 1959, 1 file  
Talus Studies, 1959, 1 file  
Palouse Loess, 1959, 1 file  
Ice Harbor Reservoir, 1959, 1 file  
Rocky Reach Reservoir, 1959, 1 file  
Lower Grand Coulee State Recreational Area, 1959, 1 file  
Lower Monumental Reservoir, 1959, 1 file  
Columbia River Pebble Counts, 1962-1963, 1 file  
Wanapum Reservoir, 1963, 1 file  
Columbia Plateau Area, 1964, 1 book  
INQUA Trip Through Wyoming, 1965, 1 file  
Archaeological Diary, 1968, photocopy of pages 30-43, 1 file  
Undifferentiated, including pages on Deadman Creek, Columbia Basin, Old  
Spokane House, Marmes and Weis Rockshelters, John Day Reservoir,  
Kerr Dam site, Bull Lake, Spokane, Lyons Ferry, Salvage Techniques,  
Monumental Reservoir, Grand Coulee Dam, Snake River Canyon  
Vantage, Ozette Lake, Little Goose Reservoir, Wells Reservoir,  
Greene Site, Leavenworth, and others, 1959-1973, 11 files

Financial Records, 1954-1955

Checkbook and receipts of RHF, 1 file

Manuscripts, 1950-1977

Typescripts, by RHF unless otherwise noted

"The Life Of Christ According To St. Luke", paraphrased and illustrated by  
RHF as a child, no date  
"Blowpipe Analysis", high school chemistry paper, 1950  
Undergraduate English Composition themes, 1952-1956, 3 files  
"The Eagles Rest Rock Glacier, A Preliminary Report", 1955  
"The Affair At Cunningham's Ranch", based on notes of F.M. Fryxell from  
conversations with witnesses and contemporaries regarding a killing in  
the Jackson Hole area of Wyoming in 1893, no date  
"The Interdisciplinary Dilemma: A Case For Flexibility In Academic  
Thought", includes drafts, correspondence, notes and research  
materials; essay published posthumously in 1977, 4 files  
"Albert Charles Peale: Pioneer Geologist Of The Hayden Survey", by  
Fritiof M. Fryxell, no date  
Unidentified, incomplete manuscripts, 1 file  
"Music, Art, Singing"/"Quest Reveals Talent", in The Augustana Lutheran,  
articles by RHF, printed copies only, 1950's, 3 items  
"Kyrie Eleison: The Development Of A Liturgical Chant", article by RHF,  
printed copy only, 1958

Box 4:(cont.)

Music, 1954

By Regina Holmen Fryxell (mother), voice and piano scores

"Phillippine Chant", manuscript, no date

"To The Christ Child", printed, 1954

Notes, 1953-1954

Journal of mountain ascents in the Tetons by RHF and others, 1953-1954, 9 pages

Bibliography, itinerary, names and addresses, autograph book, etc., 1 file

Box 5:

Reports, 1962-1975

Professional papers by RHF or by RHF in collaboration with others

"Detailed Stratigraphic Analysis And Description: Essential Tools For Regional Correlation Of Archaeological Sites", 1962

"The Cordilleran Ice Sheet Of The Northern Rocky Mountains And Related Quaternary History Of The Columbia Plateau", excerpts from, 1964

"Geologic Evidence For Age Of Deposits At Hueyatlaco Archaeological Site, Valsequillo, Mexico", 1975, 2 files

"Unexpectedly Old Age Of Deposits At Hueyatlaco Archaeological Site, Valsequillo, Mexico, Implied By New Stratigraphic And Petrographic Findings", 1973

"Notes On The Occurrence Of Caves And Rockshelters In Basalt Flows Of The Columbia Plateau, Washington, And Adjacent Areas", 1963

"Human Skeletal Material And Artifacts From Sediments Of Pinedale (Wisconsin) Glacial Age In Southeastern Washington, United States", 1968

"Salvage Of Geochronological Information In The Wells Reservoir Area, Washington, 1964-1972, A Report To The National Park Service", 1973

"The Age Determination Of Burned Flint", no date

"The Ascher Report: A Comment", no date

Research Proposals:

"Dating Archaeological Materials By New Techniques In Thermoluminescence", 1971-1973, 3 files

"Documentation Of Stratigraphy At Hueyatlaco Early Man Site, Valsequillo Reservoir, Puebla, Mexico", 1973

"Analysis Of Artifacts And Continued Stratigraphic Study Of The Cariguela Cave Site, Granada, Spain", 1972

Reprints and Tearsheets:

"A Human Skeleton From Sediments Of Mid-Pinedale Age In Southeastern Washington", 1968

"Mazama And Glacier Peak Volcanic Ash Layers: Relative Ages", 1965

"Preliminary Examination Of Lunar Samples From Apollo 11", 1969

"Avance A La Investigacion Arquiologica Geocronologica Y Eclologica De La Cueva De La Cariguela (Pinar, Granada)", 1970

"Notes On The Geologic Setting Of The Fort Spokane-Spokane House Archaeological Site, Washington", 1964

Box5:(cont.)

Reports, cont.

Professional papers not by RHF or by unknown authors

- "The Prehistory Of The Desert West", no author, circa 1962
- "A Brief Note On The Origin And Possible Significance Of Certain Aboriginal Artifacts", no author, no date
- "Sedimentary Study Of The Prehistoric Strata Of Jambes, At Perigord", translation of paper by G. Celerier, H. LaVille, C. Thibault, no date
- "Ecologic Plant Geography Of The Pacific Northwest", R. Daubenmire, incomplete, no date
- "Sediment Analysis Of A Prehistoric Rockshelter: The Abri Pataud", W. R. Farrand, 1972
- "Preparation And Description Of Tephra Samples In The Laboratory", V.C. Steen, 1966
- Class handouts, on anthropology, archaeology, geology, dittoed for distribution to RHF's students, arranged alphabetically by author, A-Po, 52 files

Box 6:

Reports, no dates

- Class handouts, on anthropology, archaeology, geology, dittoed for distribution to RHF's students, arranged alphabetically by author, Pr-W, 24 files
- Unidentified fragments, no date, 1 file

Research Files, 1964-1974

Marmes Rockshelter, 1964-1969, archaeological dig in Washington State at which RHF discovered the oldest human remains (11,000-13,000 years old) then known in North America, site later flooded by Lower Monumental Reservoir, includes;

Reports by Fryxell and/or others

- "Salvage Of Geochronological Data In The Wells Reservoir Area, Middle Columbia River, Washington", 1964
- "Discovery Of The Marmes Skeleton", 1968
- "Human Skeletal Material And Artifacts From Sediments Of Pinedale (Wisconsin) Glacial Age In Southeastern Washington, United States", 1968
- "A Human Skeleton From Sediments Of Mid-Pinedale Age In Southeastern Washington", 1968
- "Marmes Rockshelter Levee Project Engineering Geology Report", 1969
- Untitled, on general setting and geology, no date
- "Post-Glacial Precipitation Changes: New Evidence From Flood-Plain Sediments At Marmes Rockshelter, Washington", no date
- Pictograph in Palouse River Canyon, 1969
- Bibliography of material on Marmes, drawings, photographs, newspaper clippings, notes, outlines, etc., 8 files

Box 6:(cont.)

Research Files, cont.

Moon rocks, 1969-1974, scientific analyzations of lunar samples from the Apollo missions (RHF was a member of the examination team throughout), includes:

Apollo 12 Data And Correspondence, 1969-1970, 1 file

Apollo 12 Procedure Manuals, 1969, 1 file

Apollo 16 Core Description Forms, 1972, 1 file

Diagrams, drawings, graphs, tables, from various missions, of rocks and core samples, by RHF or unidentified, hand-drawn, photocopied or printed, 1 file

Notes, on activity during moon landings, first examination of samples, benefits and costs of space program, etc., by hand, typed, photocopied, 1 file

Reports by RHF in collaboration with others, in printed form unless otherwise noted

"Descriptive Data On Drive-Tube Core Samples", photocopies of rough draft, 1969

"Preliminary Examination Of Lunar Samples From Apollo 11", 1969

"Apollo 11 Drive-Tube Core Samples: An Initial Physical Analysis Of Lunar Surface Sediment", in Science and in APOLLO 11 LUNAR SCIENCE CONFERENCE papers (bound), 1970, 3 items

"Preliminary Examination Of Lunar Samples From Apollo 12", printed and photocopy typescript, 1970

"Description Of Core Samples Returned By Apollo 12", 1971

"Description, Dissection And Subsampling Of Apollo 14 Core Sample 14230", 1971

"Stratigraphy Of The Apollo 15 Drill Core", printed and photocopy typescript, 1972

"Preliminary Stratigraphy Of The Regolith At The Apollo 15 Site", 1973

Box 7:

Research Files, 1969-1974

Moon rocks, scientific analyzations of lunar samples from the Apollo missions, includes:

Reports by RHF in collaboration with others

"Apollo 16 Special Samples" in APOLLO 16: PRELIMINARY SCIENCE REPORT, 1972

"Preservation Of Lunar Core Samples: Preparation And Interpretation Of Three-Dimensional Stratigraphic Sections", photocopy typescript, 1974

Reports by unidentified authors

Apollo 11 Lunar Geology Experiment, photocopy typescript, no date

Apollo 15 Reports, photocopy typescripts, 1972

Reports by other authors, generally undated, 17 items

Speech by Neil Armstrong, photocopy typescript, 1971

Box 7:(cont.)

Research Files, cont.

Moon rocks, scientific analyzations of lunar samples from the Apollo missions, includes:  
Travel and expense authorization forms, 1970-1973, 1 file  
Photographs, Apollo 11-17, 1969-1972, 15 files

Box 8:

Research Files, 1969-1974

Moon rocks, scientific analyzations of lunar samples from the Apollo missions, includes:  
Government publications, 27 items

Box 9:

Research Files, 1969-1974

Moon rocks, scientific analyzations of lunar samples from the Apollo missions, includes:  
Government publications, 31 items

Box 10:

Research Files, 1969-1974

Moon rocks, scientific analyzations of lunar samples from the Apollo missions, includes:  
Government publications, 25 items  
Newspaper clippings, newsletters, etc., 5 items  
Periodicals, 2 items  
Reprints, 22 items

Box 11:

Research Files, 1969-1974

Moon rocks, 1969-1974, scientific analyzations of lunar samples from the Apollo missions, includes:  
Reprints, 23 items  
Cariguela, 1969-1972, archaeological dig in Granada, Spain, includes:  
Correspondence, 1 file  
Diagrams and drawings, by RHF or unidentified, 3 files  
Field and other notes by RHF or unidentified, 2 files  
Reports by RHF in collaboration with others, or unidentified  
    "Geological Work During The Expedition Of 1969-1970",  
        photocopy of draft  
    Research Proposal, Cariguela Archaeological Program, 1971  
    "Geological Reconnaissance 1969 Field Season", typed draft  
    "Analysis Of Artifacts From The Prehistoric Site Of Cariguela  
        Cave, Granada, Spain", photocopy of draft  
Newspapers and newspaper clippings in Spanish, 4 items  
Reprints and other reproductions of printed reports not by RHF,  
    primarily in English or Spanish, 37 items  
Henley Site, 1970, archaeological dig in southeastern Washington State,  
includes notes, correspondence, photographs, 1 file

Box 11:(cont.)

Speeches, 1955

By RHF, typescripts

Untitled, on environment, no date

"The Estate Of College Teaching In Geology", no date

"This Is Homecoming", delivered at Augustana College, 1955

Subject Files, 1950-1973

Sports Data for Rock Island High School newspaper and yearbook (RHF was sports editor), hand notes and printed materials, 1950-1951, 1 file

Undergraduate classwork by RHF at Augustana College, Rock Island, Illinois, notes, diagrams, examinations, for science classes, 1952-1956, 1 file

Graduate classwork by RHF at Washington State University, notes, class handouts, diagrams, on geology, math and English, 1956-1965, 2 files

Ph.D. from University of Idaho, RHF's plan and petition, 1971, 1 file

Honorary doctorate from Augustana College, correspondence, newspaper clippings, programs, photographs, 1972, 1 file

Graduate Program Review at Washington State University, notes, memos, reports, 1973, 1 file

Seminar On Space Exploration at Augustana College, correspondence, programs, transcript of speech by RHF as guest lecturer, etc., 1972, 1 file

Soils, information for classes either taken or taught by RHF, memo, class handouts, diagrams, 1964-1970, 2 files

Classes in anthropology and geology taught by RHF at Washington State University, course outlines, class listings, class handouts, schedules, etc., 1965-1973, 10 files

Box 12:

Subject Files, 1964-1973

Classes in anthropology and geology taught by RHF at Washington State University, road logs, field notes and reports by students:

Anthropology 420, 430, 431, 546, 547 & unidentified classes, 1965-1971, 5 files

Field trip road logs, no dates, 1 file

Individual students, in alphabetical order, A-M, 1964-1973, 34 files

Box 13:

Subject Files, 1964-1973

Classes in anthropology and geology taught by RHF at Washington State University, road logs, field notes and reports by students:

Individual students, in alphabetical order, R-W, 1964-1973, 7 files

Registered Natural Landmarks, evaluation reports and other information on sites in the Columbia Basin recommended as potential natural landmarks, 1965-1973, 23 files

Salvage Archaeology Program Display, photographs and title cards of exhibit on Washington State University archaeological finds, no date, 1 file

Box 13:(cont.)

Theses, 1960-1971

By RHF

"Wisconsin Glaciation Of The Colville Indian Reservation, Eastern Washington", for M.S. degree, Washington State University, typescript draft, 1960, 1 file

"The Contribution Of Interdisciplinary Research To Geologic Investigation Of Prehistory, Eastern Washington", for Ph.D. degree, University of Idaho, plan and petition, original typescript and copies of dissertation, includes copies of 25 previously written reports by RHF in collaboration with others, 1971, 14 files

Box 14:

Theses, 1971

By RHF

"The Contribution Of Interdisciplinary Research To Geologic Investigation Of Prehistory, Eastern Washington", for Ph.D. degree, University of Idaho, copies of dissertation, includes copies of 25 previously written reports by RHF in collaboration with others, 15 files

Box 15:Transferred to Photo Archives

Photographs, 1951-1985

In b+w unless otherwise noted

People: Roald Fryxell and others, 8 files

Towns, buildings, trains, cars, highways and other man-made structures, 3 files

Hiking, mountain climbing, mountain scenery, in Grand Teton National Park or unidentified, 5 files, 17 envelopes

Geology, landscapes, Washington State or unidentified, 5 files, 17 envelopes

Archaeological sites

Ford Island, 1960, 1 envelope

Wilcox Area Road Cut, 1966, 1 envelope

Marmes Rockshelter, 1 file

Hueyatlaco, Mexico/Hay? Site, 1 files

Fruitland Fossil Locality, 1 file

Ginkgo Petrified Forest, 1 envelope

Unidentified archaeological digs, 4 files, 2 envelopes

General, 1951-1952, 3 envelopes

Roald Fryxell, Neil Armstrong, unidentified people, other, in color, 1 file

Vacation pictures, Near East?, in color, 1985, 4 envelopes

Negatives, 1,675 items

Box 16:

Photographs, 1954-1974

Slides, of archaeological digs, field trips, general geological interest, lunar samples, etc., 132 boxes, 21 envelopes, 2 items

Box 17:

Photographs, 1954-1974

Slides, of archaeological digs, field trips, general geological interest, hiking, rafting, and climbing in the Tetons, etc., 72 boxes, 189 items

Box 18:

Photographs, 1954-1974

Slides, unidentified, generally of archaeological, geological or scenic interest, 93 boxes, 140 items  
Glass slides, unidentified river canyon; Westinghouse Bridge, Pittsburg; unidentified building in mountains; 3 items  
Filmstrip, unidentified, 6 items

Box 19:

Newspaper, Newsletter And Magazine Clippings, 1946-1973

Most containing articles by or about RHF or some member of the Fryxell family, 18 files, 3 items

Pamphlets And Other Printed Materials, 1952-1979

6 items

Periodicals, 1960-1968

2 items

Reprints, 1895-1973

On geology and soils, 6 items

Scrapbooks, 1950's

The Rock Island Argus, clippings from high school paper of articles by RHF, 1950-1951  
High school plays in which RHF acted, newspaper clippings, programs, cards  
Transportation etc.: railroads, ships, nature; photographs, post cards, newspaper and magazine clippings, pamphlets, 3 items

Box 20: Oversize

Artwork, no date

Posters and art class projects by RHF or unidentified, 14 items

Awards, Plaques, 1981

1 item

Diagrams, 1969-1971

Cariguela, Granada, Spain archaeological site; geological and topographical drawings by RHF or others, 1969-1970, 55 items  
Lunar core samples, drawings and analysis by RHF, 1969-1971, 24 items

Maps, 1972

Apollo Mission 15 Lunar Photography Index Maps, NASA publication

Tearsheet, 1969

On flooding of Marmes Rockshelter site, from National Geographic book, with related correspondence

Box 21: Oversize (Transferred to Photo Archives)

Photographs, no dates

Unidentified archaeological or geological site, b+w, 9 items glued together  
Lunar surface, 16 b+w items, 5 color items taped together

Box 22: Oversize

Diagrams, 1969

By RHF or unidentified

Lunar core samples, 9 items  
Cariguela, Granada, Spain, 2 items

Photograph, no date

Unidentified archaeological or geological site, b+w, mounted

Box 23: Oversize

Maps, no dates

Topographical reliefs of lunar surface, 3 items

Box 24: Map Tube

Maps And Tables, 1958

Drawn by RHF or unidentified

Table of Metallic Mineral Deposits  
Table of Sequence of Late Quaternary Formations in Arizona  
Diagrammatic Stratigraphic Relationships, Sawtooth Mountains, Montana  
Schematic diagrams of areas in Spain, no dates, 5 items

Box 25: Map Tube

Maps, 1963

Topographic maps of Washington State (Marmes), blue-line, 6 items

Box 26: Map Tube

Maps, no dates

Unidentified line drawings of mountain range and river system, 9 items  
Moon landing sites, official publications, 2 items

Box 27-30: Map Tubes

Maps

Washington State topographic maps, published by U.S.G.S., 50 items

Box 31-33: Map Tubes

Maps

Topographic and geologic maps of Spain, published by the Spanish government, 92 items

Transferred To Cage:

Cassette Tapes, 1970

"Web Of Life", Roald Fryxell, no date, 2 items  
People's Republic Of China: First Satellite, 1970

Transferred To Cage:(cont.)

Film Strips, no dates

"The Marmes Man Dig", 1 cannister  
Fragments, concerning moon shots, 1 envelope

Sound Films, 1969-1970

All 16mm

"The Search For Marmes Man, parts 1-2", a KXLY News production, no  
date, 2 reels  
"First Americans" (Marmes dig), 1970, 6 reels  
Moon Shots, no dates, 3 reels  
"Core Tube In Bio-Cabinetry", 1969, 17 reels  
"Glove Repair", no date, 1 reel