

Guide to the Frank H.H. Roberts photographs in MS 4851

1921-1941

SMITHSONIAN INSTITUTION
National Museum of Natural History
National Anthropological Archives
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TABLE OF CONTENTS

GENERAL INFORMATION

Summary.....	3
Biographical Note and Timeline.....	3
Scope and Content Note.....	5
Arrangement.....	5
Alternate Forms Available.....	5
Preferred Citation.....	5
Acquisition Information.....	6
Custodial History.....	6
Bibliography.....	6
Other Finding Aids.....	6
Restrictions on Use and Access.....	6
Related Material.....	6
Note on Processing.....	6
Note on Description.....	7
Repository Information.....	7

INVENTORY

Series: Archaeological Sites, chronological.....	8
<i>Piedra District, CO</i>	8
<i>Chaco Canyon, NM</i>	8
<i>Kiatuthlanna, AZ</i>	9
<i>Village of the Great Kivas, NM</i>	9
<i>Whitewater District, AZ</i>	10
<i>Shiloh Mound, TN</i>	10
<i>Lindenmeier, CO</i>	11
<i>San Jon, NM</i>	12
Series: Archaeological Sites, alphabetical.....	12
Series: Artifacts.....	14
Series: Maps.....	16
Series: Foreign Travels and Sites.....	16
Series: Miscellaneous.....	17
Series: Publications.....	17
Series: Lantern Slides.....	17
Appendix A: List of publications	18
Appendix B: Negatives box list	21
Appendix C: Shiloh Mound image descriptions	24

Guide to the Frank H.H. Roberts photographs in MS 4851 1921-1941

Collection: MS 4851
Creator: Roberts, Frank H.H. (Frank Harold Hanna)
Title: Frank H.H. Roberts photographs in MS 4851
Date Span: 1921-1941
Type and extent: Black and white prints: silver gelatin (8 document boxes)
Negatives: nitrate (15 negative boxes, 1 MS folder)
Negatives: acetate (8 negative boxes)
Negatives: glass (2 negative boxes) & sink mats
Lantern slides (4 trays)

Summary: This material forms the photographic component of MS 4851, the Frank H.H. Roberts, Jr. papers.

Biographical Note: Frank H. H. (Harold Hanna) Roberts (1897-1966) was an archaeologist with the Smithsonian Institution's Bureau of Ethnology from 1926 until his retirement in 1964. See Judd, Neil M. "Frank H.H. Roberts, Jr, 1879-1966," *American Anthropologist* 68, 1966, for a comprehensive biography and bibliography.

Timeline of Roberts' Education, Expeditions, and Employment:

August 11, 1897	Born in Centerburg, Ohio
1919	BA, University of Denver
1921	MA, University of Denver
Summer 1921	Student archaeologist on expedition to Pagosa Springs, CO sponsored by the State Historical Society of Colorado and the University of Denver
1921-1924	Instructor, University of Denver
Summer, 1923	Archaeological reconnaissance to the Piedra District in SW Colorado for the State Historical and Natural History Society of Colorado
1923-1924	Assistant Curator of Archaeology, Colorado State Museum, Denver
1925-1926	Assistant in anthropology, Harvard University
Summers, 1925-1926	At Chaco Canyon, NM; worked with Monroe Amsden on Pueblo pottery study for the National Geographic Society's Pueblo Bonito Expedition led by Neil M. Judd
1926	MA, Harvard University

Summers, 1926-1927	At Chaco Canyon, NM in conjunction with the National Geographic Society's Pueblo Bonito Expedition; discovered and excavated Shabik'eschchee Village
1926-1944	Archaeologist for the Smithsonian Institution Bureau of American Ethnology
1927	PhD, Harvard University
Summer, 1928	Directed expedition to early Pueblo site in Piedra District, Co
Summer, 1929	Directed expedition to early Pueblo site at Kiathuthlanna, AZ on the Long H Ranch between St. Johns and Houck
Summer, 1930	Directed expedition to Village of the Great Kivas, NM, 16 miles NE of Zuni
Summers, 1931-1933	Directed expedition to Whitewater District, AZ, a Basket Maker and Pueblo site 3.5 miles south of Allantown
Winter, 1933-1934	Expedition to Shiloh National Military Park at Pittsburgh Landing, TN
Summers 1934-1940	Directed expeditions to Lindenmeier site, CO, a Folsom complex near Fort Collins
1937	US representative to the International Congress of Archaeologists in Cairo, Egypt
August 1940 and 1941	Directed expeditions to Bc-53 site in Chaco Canyon, NM for the University of New Mexico Field School
May, 1941	Reconnaissance expedition to Mons site near Peaks of Otter, VA
Summer 1941	Directed expedition to San Jon site, NM
1943	Reconnaissance expedition to Clear Fork site near Abilene, TX
1944-1946	Assistant Chief, Bureau of American Ethnology
1946-1964	Director, Smithsonian Institution River Basin Surveys
1947-1958	Associate Director, Bureau of American Ethnology
1958-1964	Director, Bureau of American Ethnology
June 5, 1964	Retired
1964-1966	Research Associate, Bureau of American Ethnology
February 23, 1966	Died

Scope and Content: The papers and photographs of Frank H.H. Roberts, Jr. (MS 4851) document the early years (1921-1943) of Roberts' career - first as a graduate student in archaeology and then as an archaeologist with the Bureau of American Ethnology. There are over 3100 images, the bulk of which relate to Pueblo and Basketmaker period sites excavated by Roberts, particularly in Colorado, Arizona and New Mexico and Paleo-Indian sites including the Lindenmeier site in Colorado and San Jon in New Mexico. In addition there are photographs of the Shiloh Mound site in Tennessee. Other sites studied by Roberts around the United States are represented to a smaller degree. There is also a small series that relates to sites outside the United States.

Site images show excavations, artifacts and human remains *in situ*, workers and their camps, and the general area surrounding the excavations. There is a large series showing artifacts including pottery and stone and bone tools from various sites. Many of the site and artifact photographs appear in Roberts' and others' publications (see appendix A). Some of the published photographs are arranged as such however most are filed in site or artifact series. Also in the collection is a small number of Roberts' personal photographs and several images of the Smithsonian Institution buildings and grounds.

The collection also contains several photographic reproductions of maps used in publication, but more cartographic material can be found with the papers. See the guide to the papers (MS 4851, the Frank H.H. Roberts papers) for details.

Arrangement and Item Numbering: The collection is organized into the following series:

- Archaeological sites, chronological
- Archaeological sites, alphabetical
- Artifacts
- Maps
- Foreign travels and sites
- Miscellaneous
- Publications
- Lantern slides

Series and sub-series descriptions can be found in the detailed inventory. Each photograph has a unique identifier which is a combination of the collection number, series or subseries abbreviation, and an item number. For instance, "4851SJ34" is item 34 in the subseries San Jon; 4851AF129 is item 129 in the series Artifacts.

Alternate Forms Available: Most of the images have been digitized and are available online.

Preferred Citation: MS 4851[series.item], National Anthropological Archives, Smithsonian Institution.

Acquisition Information: Roberts deposited his papers and photographs with the Bureau of American Ethnology archives in 1964, prior to his retirement from the BAE.

Custodial History: Some prints in the Lindenmeier series had been loaned to Edwin Wilmsen and were subsequently absorbed into the collection *Frank H.H. Roberts, Jr., and Edwin N. Wilmsen's Papers Concerning the Lindenmeier Site, Larimer County, Colorado* in the archives; these prints were reunited with MS 4851. The Shiloh Mound series also had prints separated and formed into Photo Lot 137; these prints were reunited with MS 4851 and Photo Lot 137 dissolved.

Bibliography: See appendix A for a list publications relating to MS 4851 and in which photographs from this collection appear.

Other Finding Aids: A finding aid to the papers component of MS 4851 is available in the repository.

Restrictions on Access: The original negatives are in special storage and not available for viewing.

Restrictions on Use: Contact the repository for terms of use.

Related Material: Other collections and manuscripts in the NAA that include material by Roberts, document Robert's work, or pertain to subjects in this collection can be found in the Records of the Bureau of Ethnology, the BAE Numbered Manuscripts, the Records of the Department of Anthropology, and the papers of John P. Harrington, Esther S. Goldfrank, Neil M. Judd, Herbert W. Krieger, Donald J. Lehmer, Frank M. Setzler, and William Duncan Strong. The Human Studies Film Archives (HSFA) holds a number of Roberts' films.

For information about artifacts collected by Roberts during his archaeological Expeditions, please contact: Collections Management, Dept of Anthropology, Smithsonian Institution, Museum Support Center, 4210 Silver Hill Road, Suitland, MD 20746; (301) 238-1340.

Note on Processing: The collection was processed by Gina Rappaport in 2009-2011. Previous processing of the photograph component of MS 4851 included imposing a basic arrangement; this was maintained to some degree but with some re-arrangement to restore some original order. To the extent possible, all negatives and prints were matched, with a single identifier given to each image in the format 4851[series.item]. Roberts' numbering of the Lindenmeier subseries was maintained. **It should be noted that not all negatives have associated prints, and some prints do not have associated negatives; therefore, both the prints and the negatives may need to be consulted to view all of the images.**

Finding aid prepared by: Gina Rappaport, 2011. This finding aid replaces the photograph portion of the 1983 *Register to the Papers of Frank Harold Hanna Roberts Jr.*, by Janette Saquet.

Note on Description: Collection and image descriptions provided in this finding aid were compiled using the best available sources of information. Such sources include the creator's annotations or descriptions, collection accession files, primary and secondary source material (i.e. documents, publications, and websites), and subject matter experts. While every effort is made to provide accurate information, it is understood that errors may reveal themselves following review by other subject experts, and new information is welcome.

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INVENTORY

Box/folder	Item	Description	Date
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Please see Appendix A for full citations of publications listed in the inventory.

It should be noted that not all negatives have associated prints, and some prints do not have associated negatives; therefore, both the prints and the negatives may need to be consulted to view all of the images. Please see Appendix B for a complete list of negative locations.

Series: Archaeological Sites, chronological

This is the largest series in the collection, containing images from the major field expeditions with which Roberts was involved. Related field notes, cartographic, and other materials are in the papers component of MS 4851.

		Piedra District, CO (Subseries PD)	1921-1930
1/1, N1	1-22	1921 season	
1/2, N1	23-63	1923 season	
1/3, N1	64-123	1928 season	
1/4, N1	124-139	Piedra District/Pagosa Springs	
1/5, N1	140-175	Piedra District/Pagosa Springs: excavations and petroglyphs	
1/6, N1	176-226	Piedra District/Pagosa Springs: views of surrounding area	
1/7, N2	227-238	Pottery	
1/8, N2	239-260	Photographs published in BAE Bulletin 96 and <i>Explorations and Fieldwork in 1928</i>	
1/9, N2	261-291	Photographs published in <i>Explorations and Fieldwork in 1929</i>	
1/10, N2	292-330	Photographs published in BAE Bulletin 111 and <i>Explorations and Fieldwork in 1930</i>	
1/11, N16	331-349	Panoramic photographs	
		Chaco Canyon, NM (Subseries CC)	1925-1941
1/12, N2	1-41	Shabik'eshchee	

Box/folder	Item	Description	Date
N2	42-53	Photographs published in BAE Bulletin 92, and <i>Explorations and Fieldwork in 1927</i>	
1/13	54-69	Shabik'eshchee, National Geographic Society photographs	
1/14, N2	70-75	1690 House	
1/15	76-110	Pueblo Bonito, excavations	
1/16	111-118	Pueblo Bonito, skulls	
1/17	119-135	Pueblo Bonito, National Geographic Society photographs published in chapter 5 of <i>The Material Culture of the Pueblo Bonito</i> by Neil M. Judd (no negs)	
1/18-20	136-179	Pueblo Bonito, National Geographic Society photographs used in publications by Neil M. Judd	
1/21, N3	180-228	Other Chaco Canyon Sites	
2/1-2, A3	229-302	Bc-53 site, 1940 season	1940
2/3	303-350	Bc-53 site, 1941 season (no negs)	1941
2/4	351-358	Bc-53 site, 1942 season	1942
2/5, N3	359-374	Artifacts from Bc-53 site	
		Kiatuthlanna, AZ (Subseries KI)	1929
2/6, N3	1-31	Kiatuthlanna, AZ	
		Village of the Great Kivas, NM (Subseries GK)	1930
2/7, N3	1-47	Excavations	
2/8, N4	48-94	General views of site	
2/9, N4	95-113	Petroglyphs	
2/10, N4	114-145	General views of surrounding area	
N4	146-159	Camp life	
2/11, N4	160-166	Workers	

Box/folder	Item	Description	Date
2/12, N4	167-184	General views of area and features	
		Whitewater District, AZ (Subseries WW)	1931-1933
2/13-16, N5	1-90	Excavations	
2/17, N5	91-123	Burials	
2/18, N6	124-216	General views and excavations	
2/19, N6	217-270	Camp life	
2/20, N6	271-286	Workers	
2/21, N7	287-300	Navajo Indians	
2/22, N7	301-312	Navajo hogans	
2/23, N7	313-369	Photographs published in BAE Bulletin 121	
2/24, N7	370-377	Photographs published in <i>Explorations and Fieldwork</i> , 1931-1933	
		Shiloh Mound, TN (Subseries SM)	1934
		Please see Appendix C for item-level descriptions provided by Paul Welch, author of <i>Archaeology at Shiloh Indian Mounds, 1899-1999</i> .	
3/1-4, N7, N11	1-152	Images include general views of the site, excavation activities, burials, and CWA workers.	
3/5		Image descriptions from Paul Welch	

Box/folder	Item	Description	Date
		Lindenmeier, CO (Subseries LD and LDG)	1934-1941
		Roberts' own image descriptions are written in the index for the original negative enclosures in box 9.	
		<i>Item numbering for 1934-1940 includes the year, e.g. 3-34, 4-34 for 1934, and 17-40, 18-40 for 1940 and so on. This conforms to Roberts' original numbering system. All other LD items include "G" in the number for Lindenmeier "general."</i>	
4/1, N12	1-40	1934 season	
4/2, N12	1-67	1935 season	
4/3-4, N13	1-86, 1- 55(7d)	1936 season	
4/5, N14	1-63	1937 season	
4/6-7, N14, A1	1-93	1938 season	
4/8, N14, A4, G1	1-67	1939 season	
4/9, N14, A4, G1	1-57	1940 season	
5/1-2, N8, N14	G1-79	Undated	
Box 9	n/a	Original negative enclosures with handwritten index of images	
5/3-4, A6	G80- 83	Aerial views, including Aerial Vectograph Stereograms	
5/5, A6	G84- 89	Bison skull	
5/6, A2, A6	G90- 110	Stone tools	
5/7, A6	G111- 114	Maps (See <i>Smithsonian Miscellaneous Collections</i> , Vol. 99 No.2)	
5/8, N8, N14, A6	G115- 119	Photographs published in <i>Explorations and Fieldwork in 1934</i>	
5/9, A6	G120- 121	Photographs published in <i>Explorations and Fieldwork in 1935</i>	
5/10	n/a	Photographs published in <i>Explorations and Fieldwork in 1936</i>	
5/11	n/a	Photographs published in <i>Explorations and Fieldwork in 1937</i>	
5/12	G122- 124	Photographs published in <i>Explorations and Fieldwork in 1938</i>	

Box/folder	Item	Description	Date
5/13, N8	G125-127	Photographs published in <i>Explorations and Fieldwork in 1939</i>	
5/14	n/a	Photographs published in <i>Explorations and Fieldwork in 1940</i>	
5/15, A2	G128-138	Photographs published in the <i>Annual Report of the Smithsonian Institution, 1938</i>	
5/16, N14, A6	G139-156	Photographs published in <i>Smithsonian Miscellaneous Collections</i> , Vol. 94 No.4	
5/17	G157-164	Photographs published in <i>Smithsonian Miscellaneous Collections</i> , Vol. 95 No.10	
	SJ	San Jon, NM (Subseries SJ)	1941
		Roberts' own image descriptions are written in the index for the original negative enclosures in box 9.	
6/1		Aerial view (detail of aerial photograph in Roberts' oversize photographs)	
6/2, A5	1-46	Excavations	
A5	47-48	Burials	
6/3, A2	49-52	Stone tools	
6/4, N15, A5	53-63	Photographs published in <i>Smithsonian Miscellaneous Collections</i> , Vol. 103 No.4	
Box 9	n/a	Original negative enclosures with handwritten index of images	

Series: Archaeological Sites, alphabetical

This series contains photographs of sites that Roberts investigated to a lesser degree than sites in the chronological series. Related field notes and other materials may be found among the papers.

		Agate Basin, WY (Subseries AB)	
6/5	1-10	Agate Basin, WY	
6/6, N15, A2, A5	11-22	Stone tools	
		Clearfork site, TX (Subseries CS)	Ca 1943
6/7, A5	1-24	Clearfork site, TX	
		El Paso, TX (Subseries EP)	

Box/folder	Item	Description	Date
6/8	1-9	El Paso, TX	
6/9	10-17	Artifacts	
		Folsom, NM (Subseries FO)	
6/10	1-7	Folsom, NM	
		Florida (Subseries FL)	
N8	1-6	Florida	
		Gobernador, NM (Subseries GB)	
6/11, N8	1-9	Gobernador, NM	
		Lime Creek, NE (Subseries LC)	
6/12	1-14	Lime Creek, NE	
		Livermore, Co (Subseries LM)	
6/13, A5	1-2	Livermore, Co	
		Manuelito, NM (Subseries MN)	
6/14, N10	1-6	Manuelito, NM	
		Mesa Verde, Co (Subseries MV)	
N8	1	Mesa Verde, Co	
		Neodesha, KS (Subseries NK)	
6/15-16	1-10	Neodesha, KS	
		Peaks of Otter, VA (Subseries PO)	Ca 1941
6/17, A5	1-27	Peaks of Otter, VA	
		Rampart Cave, NV (Subseries RC)	
6/18	1-6	Rampart Cave, NV (NPS photographs)	

Box/folder	Item	Description	Date
		Sandia Cave, NM (Subseries SC)	
6/19, A2	1	Sandia Cave, NM. Includes schematics	
		Taos, NM (Subseries TM)	
6/20, N8	1-19	Taos, NM. Includes images of people, Taos pueblo, and dances	
		Various Southwest sites (Subseries VS)	
6/21	1-25	Identified sites, including Aztec Ruins, NM; Canyon de Chelley, AZ; Johnson Canyon, CO; and Canyon del Muerto, AZ	
N8	26-43	Site possibly near Hopi First Mesa. Includes image of Dance Rock at Walpi village.	
6/22, N8	44-47	Petroglyphs	
6/22, A5	48-53	Site in canyon with body of water	
6/22, A5	54-56	Rock wall in wooded area	
6/22, N10	57-58	Images of men excavating site, and excavated burial	
6/22	59-82	Images of excavations, broad views of sites, petroglyphs	
6/23	83-88	Photographs published in the <i>Annual Report of the Smithsonian Institution, 1935</i>	

Series: Artifacts (AF)

Most of the photographs in this series were made to be reproduced in publications. Sometime in the past they were arranged by artifact type and mostly do not have accompanying culture or site information; however many images appear to relate to sites documented in other series.

Pottery

7/1, N8	1-14	Bowls
7/2, N8	15-30	Pitchers and jugs
7/3, A7	31-34	Inscribed pot found by McCarthy
7/4, N8	35-36	Sherds
7/5-6, N10, A2	37-91	Various pottery

Stone tools

7/7	92-94	Points from Nebo Hill, Co
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Box/folder	Item	Description	Date
7/8, N10, A2, A7	95- 117	Eastern Folsom points	
7/9, A2	118- 122	Yuma points	
7/10, A5	123- 125	Coffin Brothers Collection	
7/11, N8, N10, A2, A5	126- 143	Various stone tools	
		Bone tools	
7/12, N8, A7	144- 150	Bone tools	
		Shell beads	
7/13	151- 153	Shell beads	
		Petroglyphs	
7/14	154- 159	Petroglyphs	
		Figurines	
7/15	160- 165	Stone figurine	
7/15	166- 170	Twig figurines	
		Artifacts reported by others	
7/16	171- 178	Artifacts reported by others	
		Possible fakes	
7/17	179- 181	Possible fakes	
		Various - unidentified	

Box/folder	Item	Description	Date
7/18, N8, N15	182- 205	Various - unidentified	
		Photographs published in BAE Bulletin 100 and 111	
7/19-24, N15, A7, A8	206- 273	Photographs published in BAE Bulletin 100 and 111	
		Possibly for BAE Annual Report 1931, 1932	
7/25-28	274- 328	Possibly for BAE Annual Report 1931, 1932	
		Burials	
7/29, A2	329- 363	Human remains <i>In situ</i>	
G2		Unorganized negatives of artifacts (glass), some broken	

Series: Maps (MAP)

These maps are mostly photographic reproductions for publications. More maps can be found in the papers component of MS 4851.

MAP

8/1, A8	1-3	Southwest United States
A8	4	"Asiatic-North American Pleistocene Filter-bridge"
A8	5	"Early man in America – Migration Routes"
A8	6-7	Alaska and Western North America

Series: Foreign Travels and Sites (FT)

This series contains images of sites outside of the United States studied by Roberts.

8/2, N9	1-51	Chichen Itza
8/3	52-57	Egypt
		See also folder 11 for similar images, published in <i>War Background Studies</i> , No. 11

Box/folder	Item	Description	Date
8/4	58-65	Mexico	
Series: Miscellaneous (MSC)			
<p>This series contains images that do not relate to Roberts' archaeological activities. Included are scenic views of the Grand Canyon, images of Smithsonian buildings and grounds, and photographs of unidentified people and places. A couple of images of appear to show a military camp.</p>			
8/5, N9	1-7	Grand Canyon, AZ	
8/6	8-11	Smithsonian Institution	
8/7, N9, N16	12-29	Personal and unidentified	
Series: Publications (PUB)			
<p>This series contains images sorted by the publications in which they appeared. Some may relate to images in previous series.</p>			
8/8, A8	1-10	<i>Annual Report of the Smithsonian Institution, 1944</i>	
8/9	11-15	<i>Smithsonian Miscellaneous Collections, Vol. 81 No.7</i>	
8/10	16-23	<i>Smithsonian Miscellaneous Collections, Vol. 99 No.2</i>	
8/11	24-69	<i>War Background Studies, No. 11 (All Egypt - some similar or possibly same series as 4851FT52-57)</i>	
Series: Lantern Slides (LS)			
<p>Lantern slides, the forerunner of 35 mm slides, were used to illustrate lectures and presentations. This series contains slides of many of the images in previous series, as well as some images of maps, schematics, and artifacts that are not elsewhere in the collection.</p>			
LS	1-245	Lantern slides	

APPENDIX A

Selected publications by Roberts relating to MS 4851

Bureau of American Ethnology Bulletin

"Shabik'eshchee Village: a late basket maker site in the Chaco Canyon, New Mexico," *Bureau of American Ethnology Bulletin*, No. 92, 1929.

"Early pueblo ruins in the Piedra District, southwestern Colorado," *Bureau of American Ethnology Bulletin*, No. 96, 1930

"The ruins at Kiatuthlanna, eastern Arizona," *Bureau of American Ethnology Bulletin*, No. 100, 1931

"The Village of the Great Kivas on the Zuñi reservation, New Mexico," *Bureau of American Ethnology Bulletin*, No. 111, 1932.

"Archaeological remains in the Whitewater District, Eastern Arizona, Part I: House types." *Bureau of American Ethnology Bulletin*, No. 121, 1939.

"Archaeological remains in the Whitewater District, Eastern Arizona, Part II: Artifacts and burials." *Bureau of American Ethnology Bulletin*, No. 126, 1940.

Explorations and Field-Work of the Smithsonian Institution

"A late basket maker village of the southwest," *Explorations and Field-Work of the Smithsonian Institution in 1927*.

"Two ancient Indian cultures in eastern Arizona," *Explorations and Field-Work of the Smithsonian Institution in 1929*.

"A Prehistoric village on the Zuñi reservation," *Explorations and Field-Work of the Smithsonian Institution in 1930*.

"An important archaeological site in eastern Arizona," *Explorations and Field-Work of the Smithsonian Institution in 1931*.

"Some early pueblo remains in eastern Arizona," *Explorations and Field-Work of the Smithsonian Institution in 1932*.

"An Arizona village of a thousand years ago," *Explorations and Field-Work of the Smithsonian Institution in 1933*.

"Indian mounds on Shiloh battlefield," *Explorations and Field-Work of the*

Smithsonian Institution in 1934.

“A Folsom camp site and workshop,” *Explorations and Field-Work of the Smithsonian Institution in 1934.*

“Further investigations at a Folsom campsite in Northern Colorado,” *Explorations and Field-Work of the Smithsonian Institution in 1935.*

“New developments in the problem of the Folsom Complex,” *Explorations and Field-Work of the Smithsonian Institution in 1936.*

“The Lindenmeier site in Northern Colorado contributes additional Data on the Folsom complex, *Explorations and Field-Work of the Smithsonian Institution in 1937.*

“On the trail of ancient hunters in western United States and Canada,” *Explorations and Field-Work of the Smithsonian Institution in 1938.*

“Excavations at the Lindenmeier site contribute new information on the Folsom complex,” *Explorations and Field-Work of the Smithsonian Institution in 1939.*

“Latest excavations at Lindenmeier site add to information on the Folsom complex,” *Explorations and Field-Work of the Smithsonian Institution in 1940.*

Annual Report of the Smithsonian Institution

“A survey of southwestern archaeology,” *Annual Report of the Smithsonian Institution, 1935.*

“The Folsom problem in American archaeology,” *Annual Report of the Smithsonian Institution, 1938.*

“The New World Paleo-Indian,” *Annual Report of the Smithsonian Institution, 1944.*

Smithsonian Miscellaneous Collections

“A Folsom complex: Preliminary report on investigations at the Lindenmeier site in northern Colorado,” *Smithsonian Miscellaneous Collections, Vol. 94, No. 4, 1936.*

“Additional information on the Folsom complex: Report on the second season’s investigations at the Lindenmeier site in northern Colorado,” *Smithsonian Miscellaneous Collections, Vol. 95, No. 1, 1937.*

“Recent archaeological developments in the vicinity of El Paso, Texas,”

Smithsonian Miscellaneous Collections, Vol. 81, 1929.

“Archaeological and geological investigations in the San Jon district, eastern New Mexico,” *Smithsonian Miscellaneous Collections*, Vol. 103, No.4, 1943.

Smithsonian Institution War Background Studies

“Egypt and the Suez Canal,” *Smithsonian Institution War Background Studies* No. 11

Selected publications by others relating to MS 4851

Bryan, Kirk, and Ray, Louis L. “Geologic Antiquity of the Lindenmeier site in Colorado,” *Smithsonian Miscellaneous Collections*, Vol. 99, No. 2, 1940.

Judd, Neil M. “The Material Culture of Pueblo Bonito,” *Smithsonian Miscellaneous Collections*, Vol. 124, 1954.

Welch, Paul B. *Archaeology at Shiloh Indian Mounds, 1899-1999*. University of Alabama Press: Tuscaloosa, 2006.

Wilmsen, Edwin N. and Roberts, Frank H.H. “Lindenmeier, 1934-1974: concluding report on Investigations,” *Smithsonian Contributions to Anthropology* Vol. 24, 1978

APPENDIX B: Negatives container list

NITRATE

Box No.	Box size	Series	Item numbers
N1	5x7x5	Piedra District (PD)	1-98, 102-128, 140, 153, 176-177, 227-228
N2	5x7x5	Piedra District (PD)	239-248, 250-288, 291-330
N2	5x7x5	Chaco Canyon (CC)	1-27, 42-53, 70-75
N3	5x7x5	Chaco Canyon (CC)	180-184, 192-228, 359-374
N3	5x7x5	Kiatuthlanna (KI)	1-29
N3	5x7x5	Village of the Great Kivas (GK)	1-46
N4	5x7x5	Village of the Great Kivas (GK)	48-87, 95-108, 114-140, 146-179
N5	5x7x5	Whitewater District (WD)	1-123
N6	5x7x5	Whitewater District (WD)	124-133, 136-145, 147-179, 193-269, 271-285
N7	5x7x5	Whitewater District (WD)	287-311, 312-368, 370-376
N7	5x7x5	Shiloh Mound (SM)	123-150
N8	5x7x5	Lindenmeier - general (LDG)	1-4, 9-10, 115-116, 127
N8	5x7x5	Florida (FL)	1-16
N8	5x7x5	Gobernador, NM(GB)	1-9
N8	5x7x5	Mesa Verde (MV)	1
N8	5x7x5	Taos, NM (TM)	1-13
N8	5x7x5	Various Southwest (VS)	26-47
N8	5x7x5	Artifacts (AF)	1-30, 35-36, 140-153, 182-186
N9	5x7x2	Foreign Travels and Sites (FT)	1-43
N9	5x7x2	Miscellaneous (MSC)	6-7, 12-22
N10	4x5x2	Chaco Canyon (CC)	260-281, 351-358
N10	4x5x2	Manuelito, NM (MN)	1-6
N10	4x5x2	Various Southwest (VS)	57-58

Box No.	Box size	Series	Item numbers
N10	4x5x2	Artifacts (AF)	37, 39, 95, 137-138, 143
N10	4x5x2	Miscellaneous (MSC)	1-5
N11	4x5x5	Shiloh Mound (SM)	1-122
N12	4x5x5	Lindenmeier (LD) 1934	1-40
N12	4x5x5	Lindenmeier (LD) 1935	1-47, 49-67
N13	4x5x5	Lindenmeier (LD) 1936	1-86, 7d.1-55
N14	4x5x5	Lindenmeier (LD) 1937	1-32, 34-63
N14	4x5x5	Lindenmeier (LD) 1938	65-72
N14	4x5x5	Lindenmeier (LD) 1940	33-42
N14	4x5x5	Lindenmeier – general (LDG)	58, 118, 139
N15	8x10x2	San Jon (SJ)	58-63
N15	8x10x2	Agate Basin (AB)	19-22
N15	8x10x2	Artifacts (AF)	187-206, 222
N16	MS folder	Piedra District (PD)	331-348
N16	MS folder	Miscellaneous (MSC)	25

ACETATE

Box No.	Box size	Series	Item numbers
A1	5x7x5	Lindenmeier (LD) 1938	1-17, 19-64 (severely deteriorated)
A2	5x7x2	Lindenmeier – general (LDG)	90-91, 97-98, 132
A2	5x7x2	San Jon (SJ)	50-52
A2	5x7x2	Agate Basin (AB)	15-18
A2	5x7x2	Sandia Cave (SC)	1
A2	5x7x2	Artifacts (AF)	38, 99-106, 119-121, 126-134, 357
A3	4x5x2	Chaco Canyon (CC)	229-259, 282-284
A4	4x5x5	Lindenmeier (LD) 1939	1-56, 67

Box No.	Box size	Series	Item numbers
A4	4x5x5	Lindenmeier (LD) 1940	1-31
A5	4x5x5	San Jon (SJ)	1-18, 21-40, 43-49, 53-56
A5	4x5x5	Agate Basin (AB)	11-13
A5	4x5x5	Clearfork Site (CS)	10-12
A5	4x5x5	Livermore (LM)	1
A5	4x5x5	Peaks of Otter (PO)	25-27
A5	4x5x5	Various Southwest (VS)	48-56
A5	4x5x5	Artifacts (AF)	123-125, 135-136
A6	8x10x2	Lindenmeier – general (LDG)	80-81, 84-89, 92-96, 111-114, 119-121, 140-148, 151-156
A7	8x10x2	Artifacts (AF)	31-34, 107-117, 150, 207-221, 223-225
A8	8x10x2	Artifacts (AF)	226-238, 240-259
A8	8x10x2	Maps (MAP)	1,2,4-7
A8	8x10x2	Publications (PUB)	1,3,6-10

GLASS

Box No.	Box size	Series	Item numbers
G1	4x5x5	Lindenmeier (LD) 1939	57-66
		Lindenmeier (LD) 1940	43-55
G2	5x7x2	Artifacts (AF)	Unprocessed/unnumbered

COPY

Box No.	Box size	Series	Item numbers
C1	4x5x5	Shiloh Mound (SM)	Not counted

APPENDIX C: Shiloh Mound image descriptions

Item No.	Copy Neg No.	Description (those in quotations appear to be by Roberts; the rest are by Paul Welch)
1	79-12,664	Survey crew with plane table, alidade, and stadia rods; location unidentified
2	79-12,652	Curving wall trench at south end of "temple", looking south
3	79-12,674	Features at base of deep trench through Mound F, looking north
4	79-12,603	Outline of portion of Cadle's trench in Mound C, showing how it narrowed towards the south; looking north
6	79-12,705	Trench south of Mound A showing stratigraphy of Mound A apron, looking east
7	79-12,611	
8	79-12,650	Detail of stratigraphic profile, location unidentified
9	79-12,675	Wooden stakes marking postmolds at base of excavation trench, location unidentified
10	79-12,692	Excavation profile, location and young laborer unidentified
11	79-12,648	Location uncertain, probably north profile of excavation in Mound I showing large raised basin, looking northeast
12	79-12,646	East-west excavation trench, location unidentified; looking east (see 79-12,656, 12,643, and 12,678)
13	79-12,683	
14	79-12,639	Deep trench running north-south on apron west of Mound A, looking north
15	79-12,669	"Fig. 4. Cutting trench through center of domiciliary mound" Mound F trench, looking north
16	79-12,651	Deep trench running north-south on apron west of Mound A, with postmolds at or near base; looking north
17	79-12,678	East-west excavation trench, location unidentified; looking west (see 79-12,643, 12,646, and 12,656)
19	79-12,708	Northernmost trench west of Mound A with Mound A in background, looking east
20	79-12,709	Trench east-west along south margin of Mound E with Mound A in background, looking east
21	79-12,707	Central east-west trench west of Mound A, looking east
25	79-12,630	Excavations west of Mound Q with Mound Q on right, looking northeast
26	79-12,679	Excavation in progress, location not identified
27	79-12,668	Palisade line excavation, Moreau Chambers; looking north or northeast
28	79-12,660	Mound J excavation, looking southwest

Item No.	Copy Neg No.	Description (those in quotations appear to be by Roberts; the rest are by Paul Welch)
29a	79-12,661	Excavation of Mound J, looking southeast, Moreau Chambers in foreground
29b	79-12,662	Mound J, looking northeast
30	79-12,659	Excavation of Mound J, looking northeast
31	79-12,636	Mound G with pond in foreground, looking north
32	79-12,638	Excavations north of Mound D with Mound A in background, looking northeast
33	79-12,657	Excavation of western midsection of Mound C, looking northeast
34	79-12,633	Excavations between Mound D and Mound F with Mound F in background, looking northwest
35	79-12,682	Excavation in progress, location not identified
36a	79-12,613	Excavation of southeastern quadrant of Mound C, looking north
36b	79-12,615	Excavation of southeastern quadrant of Mound C, looking north
37	79-12,614	Excavation of southeastern quadrant of Mound C, looking north
40	79-12,609	Moreau Chambers (bareheaded) and worker on south slope of Mound C, looking north
41	79-12,616	Excavation of southeastern quadrant of Mound C, looking north
41	79-12,617	Excavation of southeastern quadrant of Mound C, looking north
42	79-12,612	Excavation of southeastern quadrant of Mound C, looking north
45	79-12,703	Excavations in progress, location unidentified
46	79-12,701	Excavation trenches and house mound south of Mound C, looking northwest
47	79-12,698	Excavations south of Mound F, looking northeast
48	79-12,695	Excavations east of Mound F, looking east
49	79-12,700	Excavations southeast of Mound F, Mounds D and B in background
50	79-12,696	Excavations east of Mound F, looking east
53	79-12,680	Trenches west of Mound A, looking west
54	79-12,681	Trenches west of Mound A, looking west
55	79-12,684	Trenches through Mound E, looking west
56	79-12,677	Pair of excavation trenches, location unidentified, looking west?
57	79-12,635	Excavations between Mound D and Mound A, looking northeast (same scene as 79-12,637)
57	79-12,637	Excavations between Mound D and Mound A, looking northeast (same scene as 79-12,635)
58	79-12,702	Raking leaves for excavation trenches, location uncertain, probably between Mound C and Mound B, looking north

Item No.	Copy Neg No.	Description (those in quotations appear to be by Roberts; the rest are by Paul Welch)
59	79-12,697	Trenches between Mound C and Mound B, looking north
60	79-12,654	Mound B, looking north
61	79-12,699	Raking leaves from south slope of Mound D, looking north
62	79-12,629	Mound D, looking southeast
63	79-12,634	Leaves raked into rows south of Mound F, looking north
64	79-12,631	Mound F, looking southeast
65	79-12,632	West flank of Mound F with northern edge of excavation southwest of F, looking east
67	79-12,690	East-west wall trench and postmolds southwest of Mound A, looking east
68	79-12,715	Line of postmolds indicated by stakes, location probably in central plaza
69	79-12,688	Line of postmolds running northeast-southwest in area of the "temple", looking northwest
72	79-12,687	Wooden stakes marking postmolds, probably southwest of Mound A
73	79-12,691	
74	79-12,689	East-west wall trench and postmolds southwest of Mound A, looking west
75	79-12,694	Curving wall trench at south end of "temple" and line of postmolds, looking northwest
79	79-12,605	Moreau Chambers points to outline of C P Cadle's trench in Mound C, looking north
80	79-12,606	Moreau Chambers kneeling beside C P Cadle's trench in Mound C, looking north
81	79-12,604	Outline of Cadle's trench in Mound C, looking north
82	79-12,624	Portion of log-covered tomb at base of Mound C, looking south-southeast
83	79-12,618	Burials exposed in center of Mound C, looking north
84	79-12,628	Central portion of Mound C excavated, exposing central log-covered tomb; looking east
86	79-12,655	Pottery vessel fragment in situ, location unidentified
87	79-12,600	Burials 10, 2, 8 and 4 (from lower left to upper right), Mound C; east is at top of picture
87	79-12,608	Burials 10, 2, 8 and 4 (from lower left to upper right), Mound C; east is at top of picture
88	79-12,625	Portion of log-covered tomb at base of Mound C, looking northwest

Item No.	Copy Neg No.	Description (those in quotations appear to be by Roberts; the rest are by Paul Welch)
88	79-12,626	Portion of log-covered tomb at base of Mound C, looking northwest
89	79-12,621	Burial 1, Mound C
90	79-12,620	Burial 1, Mound C
94	79-12,602	"Wooden puncheons overlying Burial Pit in center of Mound C"
95	79-12,601	Close-up of log cover and bundled bones in tomb at base of Mound C
95	79-12,623	Close-up of log cover and bundled bones in tomb at base of Mound C
96	79-12,711	Burials on floor of house in Mound W
98	79-12,619	Burial 4, Mound C
99	79-12,712	Burials on floor of house in Mound W
100	79-12,607	Burials 12 (skull at left) and 13 (skull at right), Mound C
101	79-12,649	Burial 16, Mound C
103	79-12,710	Charred wattle or matting from burned structure
104	79-12,627	Portion of log-covered tomb at base of Mound C, looking northwest
105	79-12,658	Hearth exposed at base of central east-west trench west of Mound A, looking west
106	79-12,663	Hearth exposed at base of central east-west trench west of Mound A, looking east
108	79-12,706	Excavation trench running east-west just south of Mound E, looking east
109	79-12,667	
110	79-12,641	Tennessee River, note gently sloping river bank; looking northeast
111	79-12,642	Barge on Tennessee River, note gently sloping river bank; looking east
112	79-12,640	Barge on Tennessee River, note gently sloping river bank; looking northeast
124	79-12,644	"So called 'Indian Mound' above Campbells Mill Site on Chambers Creek, near Councetown, Hardin Co. Tenn. Joe Leith is standing halfway up the side."
125	79-12,685	"Nash Landing Mound, Hardin Co., Tenn. Joe Leith in foreground"
126	79-12,610	
127	79-12,714	Mound J excavated, men in suits not identified; looking northwest

Item No.	Copy Neg No.	Description (those in quotations appear to be by Roberts; the rest are by Paul Welch)
128	79-12,713	Floor of Mound J, looking northwest with Mound F at extreme left
129	79-12,686	Mound J excavated, looking northeast
130	79-12,645	"Village site between Tupelo Pond and the Tenn. River, facing south. One mile south of Shiloh NMP mound group. Dixie Donell in background."
131	79-12,704	Excavators at rest, location unidentified but along edge of river bluff, looking northeast
132	79-12,653	Philip Phillips (identification is probable but not certain), location uncertain, may be summit of Mound F with deep trench backfilled
133	79-12,643	East-west excavation trench, location unidentified; looking west (see 79-12,646, 12,656, and 12,678)
134	79-12,673	Deep trench through Mound F with submound feature, looking north
135	79-12,670	Deep trench through Mound F, looking south
136	79-12,671	Deep trench through Mound F, Moreau Chambers (kneeling) and unidentified worker; looking south
137	79-12,676	Deep trench through Mound F, looking north
138	79-12,672	Straightening west profile of deep trench through Mound F, looking south
139	79-12,656	East-west excavation trench, location unidentified; looking east (see 79-12,646, 12,643, and 12,678)
140	79-12,693	Cache of broken pots found in shallow pit a few feet west of Mound Q
142	79-12,622	Burial 1, Mound C
143	79-12,647	Detail of stratigraphic profile, locaiton unidentified
147	79-12,665	Shiloh Hotel, Shiloh
148	79-12,666	Pine Lodge Hotel, F H H Roberts at right, Moreau Chambers second from left; south of Hurley
	79-12,900	F H H Roberts standing amid excavations in area of the "temple", looking southeast