8/6/25Agricultural, Consumer, & Environmental SciencesCrop SciencesJack R. & Harry V. Harlan Papers, 1905-85

# Series 1: Papers of Jack R. Harlan

Papers of Jack R. Harlan (1917-), Professor of Agronomy & Plant Genetics (1966-84), member of Crop Evolution Laboratory staff (1967-84) & USDA Near Eastern expeditions (1948, 1960), & Professor of Agronomy, Okla. State Univ. (1950-66), including manuscripts, collection lists, field notes, photographs, genetics research correspondence about barley, corn, rice, & sorghum, recommendations for employment & awards, identifications of samples, responses to inquiries from anthropologists, correspondence with botanists & agronomists about the origin, evolution & dissemination of sorghum, wheat, barley, maize, & sesame; classification & numbering of collection, conservation of genetic materials, international cooperation, disease resistance, origins of Southwest Asian agriculture & USDA quarantine policies.

# <u>Box 1</u>:

- Folder 1: Biographical
- Folder 2: Publication List
  - This folder contains the complete bibliography of Jack R. Harlan as produced by T.H. Hymowitz [Plant Breeding Reviews 8:1-17, 1990] and updated and edited by Dorothea Bedigian in 1998. The digital bibliography which contains a list of the articles by Jack R. Harlan the the University of Illinois Archives holds as part of the Harry V. and Jack R. Harlan Papers and can be accessed via the following link:

http://www.library.illinois.edu/archives/uasfa/0806025supplement.pdf

- Folder 3: Jack R. Harlan Publications (Folder 1 of 4), 1945-54
- Folder 4: Jack R. Harlan Publications (Folder 2 of 4), 1955-57
- Folder 5: Jack R. Harlan Publications (Folder 3 of 4), 1958-61
- Folder 6: Jack R. Harlan Publications (Folder 4 of 4), 1962-86
- Folder 7: Publications not authored by Jack R. Harlan (Folder 1 of 4), 1906-56 These publications refer to subjects of study undertaken by Jack R. Harlan, although the publications are not authored by him.
- Folder 8: Publications not authored by Jack R. Harlan (Folder 2 of 4), 1957-59 These publications refer to subjects of study undertaken by Jack R. Harlan, although the publications are not authored by him.
- Folder 9: Publications not authored by Jack R. Harlan (Folder 3 of 4), 1960 These publications refer to subjects of study undertaken by Jack R. Harlan, although the publications are not authored by him.
- Folder 10: Publications not authored by Jack R. Harlan (Folder 4 of 4), 1961-80 These publications refer to subjects of study undertaken by Jack R. Harlan, although the publications are not authored by him.

<u>Box 2</u>:

- Folder 35: Grasslands of Oklahoma, ca. 1957 by Jack R. Harlan (unpublished)
- Folder 39: Leon Croizat Correspondence, 1968-69 Includes several letters debating the origin and dispersal of maize and a reprint of Croizat article, "A Note on the Origin of Zea Mays."
- Folder 53: Archaeological Materials Received and Related Correspondence, 1968-83 Includes correspondence with Ann Stemler (Davis, California) concerning "hazards and pitfalls" archaeobotany and assorted identifications of samples sent to Crop Evolution Laboratory
- Folder 54: Collection Lists (Near Eastern Expedition), Phytosanitary Certificate, 1948, 1960, 1974 Includes numbered listings from 1948 Near East expedition
- Folder 55: Collection List (Iran, Afghanistan, Pakistan, India, Ethiopia); West Africa Notes; Sorghum Numbers (University of Illinois), 1961, 1968, 1983
- Folder 56: Terminal Report of Jack R. Harlan: Agricultural Research at Njala University College, Sierra Leone, 1969

University of Illinois A.I.D. Project, Contract A.I.D. / Afr-293

Folder 57: "A Survey of the Genetic Variability in the Bromus carinatus Complex", May, 1942 Harlan Doctoral Dissertation (Department of Genetics, University of California)

## Sub-Series 1: Anthropology Correspondence

Folder 1: Letter File, 1961-63, 1965

Correspondents include faculty of University College of Ibadan, Nigeria, and Hebrew University of Jerusalem

- Folder 2: Letter File, 1966
- Folder 3: Letter File, 1967
- Folder 4: Letter File, 1968
- Folder 5: Letter File, 1969
- Folder 6: Letter File, 1970
- Folder 7: Letter File, 1971
- Folder 8: Letter File, 1972
- Folder 9: Letter File, 1973

Contains correspondence with K.C. Change (Dept. of Anthropology, Yale University) concerning the domestication of the peanut in China

- Folder 10: Letter File, 1974
- Folder 11: Letter File, 1975
- Folder 12: Letter File, 1976

Includes Harlan's review of Ping-Ti Ho's The Cradle of the East: An Inquiry into the Indigenous Origins of Techniques and Ideas of Neolithic and Early Historic China 5000-1000 B.C.

- Folder 13: Letter File, 1977
- Folder 14: Letter File, 1978
- Folder 15: Letter File, 1979

Includes correspondence with Charles Reed (University of Illinois-Chicago Circle) and Fred Wendorf (Southern Methodist University) concerning the origins of domesticated barley

Folder 16: Letter File, 1980

Folder 17: Letter File, 1981

Folder 18: Letter File, 1982

#### Sub-Series 2: General / Student Correspondence

Folder 19: Letter File, 1967

Includes letters of recommendation for employment and awards, correspondence concerning student research, and invitations to present papers.

Folder 20: Letter File, 1968

- Folder 21: Letter File, 1969
- Folder 22: Letter File, 1970
- Folder 23: Letter File, 1971
- Folder 24: Letter File, 1972
- Folder 25: Letter File, 1973 Folder 26: Letter File, 1974
- Folder 20: Letter File, 1974
- Folder 27: Letter File, 1975
- Folder 28: Letter File, 1976
- Folder 29: Letter File, 1977
- Folder 30: Letter File, 1978

Folder 31: Letter File, 1979

Folder 32: Letter File, 1980

Includes letter to Vice Chancellor E.L. Goldwasser urging that the World Heritage Museum not be downgraded or dispersed.

Folder 33: Letter File, 1981 Includes Harlan's "Social and Ethical Dimensions of Plant and Animal Genetic Research with Respect to Food and Environment" (4 pp.)

Folder 34: Letter File, 1982

## Sub-Series 3: Agronomy / Botany Correspondence

Folder 36: Letter File, 1965-67

Includes correspondence with Robert Braidwood (Oriental Institute, University of Chicago) concerning "weed" and "wild" barley and with Daniel Zohary (Hebrew University, Jerusalem) concerning findings of Iranian visits. Also includes Harlan's "The Origin and Evolution of Cultivated Plants" which proposes a laboratory for biosystematic studies.

Folder 37: Letter File, 1968

Includes correspondence with Theodore Buila (Southern Illinois University) concerning the bringing of seed materials into the U.S. and with Stanley Jensen (Pioneer Hi-Bred Corn Company) concerning temperature response in selection, Njala University College Terminal report, 1968

Folder 38: Letter File, 1969

Includes correspondence with O.H. Frankel (International Biological Programme, Canberra City, Australia) concerning conservation of genetic materials and with Charles Brown (College of Agriculture, University of Illinois) concerning the need for a research facility in the tropics

Folder 40: Letter File, 1970

Includes correspondence with H.I. Oka (National Institute of Genetics, Misima, Japan) concerning the history of sorghum in Africa and China and with David Timothy concerning the collection and maintenance of germ plasm

Folder 41: Letter File, 1971

Includes correspondence with Walton Galinat (University of Massachusetts-Waltham) concerning the "tripartite hypothesis" of the origin of maize

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Folder 42: Letter File, 1972
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Includes correspondence with George Beadle concerning teocintle in Mexico

Folder 43: Letter File, 1973

Includes correspondence with L.F. Randolf concerning maize-Tripsacum derivatives and with C.F. Konzak concerning collecting difficulties in Ethiopia

Folder 44: Letter File, 1974

Includes background paper ("Exploration: Africa") used as a research proposal and list of Chinese rice varieties obtained on China trip by Harlan and N.C. Brady. Also includes correspondence with Peter Lawrence (International Crops Research Institute for the Semi-Arid Tropics, Hyderabad, India) concerning numbering systems for accessions, with Richard Frederickson (Texas A & M University) concerning effects of USDA quarantine policies on germ plasm supplies, and with Peter Jennings (Centro International De Agricultura Tropical) concerning centers of origin and the success of exotic crops

Folder 45: Letter File, 1975

Includes correspondence with Frank Press (Committee on Scholarly Communication with the People's Republic of China, National Academy of Sciences) concerning future scholarly exchanges and topics for exploration, with Ali Kambel (Plant Breeding Institute, Cambridge, England) concerning Sudanese sorghums, and with K.H. Asay (Utach State University concerning grass breeding

Folder 46: Letter File, 1976

Includes Harlan biographical sketch prepared for Agronomy Journal and correspondence with C.R. Vinycomb concerning naked barleys

Folder 47: Letter File, 1977

Includes review copy of Domenic Fuccillo's "What is a Weed?" and correspondence with Victor Patino (Cali, Columbia) concerning possible maize-Tripsacum interaction

# Folder 48: Letter File, 1978

Includes Harlan letter to Edward Browning Award Committee recommending Earnest Sears and correspondence with D. Brezhev (Vavilov Institute of Plant Industry, Leningrad) concerning problems in preserving Vavilov collections

#### Folder 49: Letter File, 1979

Includes correspondence with Haldore Hanson (Londres, Mexico) concerning inadequacy of U.S. plant genetics resources program and with Fred Miller (Texas A & M University) concerning twin-seeded sorghum and origins of sorghum. Also includes assorted correspondence relating to Crop Evolution Laboratory study of sesame.

Folder 50: Letter File, 1980

Includes correspondence with Anatolii Martynov (Council for International Exchange of Scholars, Washington, D.C.) concerning possible shared research interests between Crop Evolution Laboratory and colleagues in USSR

Folder 51: Letter File, 1981

Folder 52: Letter File, 1982-84

Includes correspondence with Patrick Hayes (University of Minnesota) concerning synchrous flowering in wild rice, with Richard Matthews (British Broadcasting Corporation) concerning "The Living Planet" series, and with Malla Padidan (University of Saskatchewan) concerning "Plant Breeding in 2000 AD"

### **Sub-Series 4: General Correspondence**

<u>Box 3</u>:

Folder 1: Calendar of Letters Written, 1959-65 Folder 2: A, 1966-85 Folder 3: B, 1966-76 Folder 4: B, 1977-85 Folder 5: C, 1966-85 Folder 6: D, 1967-85 Folder 7: E, 1967-85 Folder 8: F, 1967-84 Folder 9: G, 1967-85 Folder 10: H, 1967-84 Folder 11: I, 1972-84 Folder 12: J, 1966-85 Box 4:

Folder 1: K, 1967-85 Folder 2: L, 1967-86 Folder 3: M, 1966-85 Folder 4: Mc, 1967-84 Folder 5: N, 1967-85 Folder 5: O, 1967-82 Folder 7: P, 1968-85 Folder 8: Q, 1968-81

Folder 9: R, 1966-85 Folder 10: S, 1966-76 Folder 11: S, 1977-85 Folder 12: T, 1966-85 Folder 13: U, 1970-79 Folder 14: V, 1967-83 Folder 15: W, 1966-85 Folder 16: X-Y-Z, 1967-84

## **Sub-Series 5: Field Notes and Collections Lists**

### <u>Box 5</u>:

Item 1: Collections # 1-1500, 1948
USDA expedition to Turkey, Syria, Iraq, Lebanon
Item 2: Collections # 1501-3000, 1948
USDA expedition to Turkey, Syria, Iraq, Lebanon
Item 3: Collections # 3001-4500, 1948
USDA expedition to Turkey, Syria, Iraq, Lebanon
Item 4: Collections # 4501-6241, 1948
USDA expedition to Turkey, Syria, Iraq, Lebanon; 6241-6500 are missing
Item 5: Collections # 6501-10,000, 1948
USDA expedition to Turkey, Syria, Iraq, Lebanon
Item 6: Collections # 1-1440, 1960
34 booklets form USDA expedition to Iran, Afghanistan, Pakistan, India and Ethiopia
Item 7: Collections # 1441-2122, 1960
1 Field Notebook
Item 8: Senegal, Mali, Upper Volta, Nigeria, Brussels, Florence, 1967-68
Item 9: Sudan, Chad, Nigeria, Niger, 1968
Item 10: Sudan, Uganda, Kenya, Ethiopia, 1969-70
Item 11: Palestine, Uganda, Kenya, Tanzania, 1970
Item 12: India, Burma, Malaya, Philippines, Australia, 1972

# Sub-Series 6: Subject File

# <u>Box 6</u>:

Folder 1: Field Trip - Texas, New Mexico, 1946

Folder 2: Illustrations, Turkey, 1948

Folder 3: Pistacea Culture in Turkey with Special Reference to Grafting, 1949 by Jack Harlan

- Folder 4: Let's Talk Turkey, 1950
- Folder 5: Fruit Trees and Vines in Turkey, 1950
- Folder 6: Turkish Melons and Cucurbit, 1950
- Folder 7: Trebi Trail, 1950
- Folder 8: American Society of Range Management Formation of Kansas-Oklahoma Section, 1950
- Folder 9: Grasslands of Oklahoma, ca. 1960 by Jack Harlan
- Folder 10: Oklahoma State University, 1965-66
- Folder 11: Portraits, 1966-67, 1975
- Folder 12: FAO Meeting Rome, Sep., 1967 Photographs, Map of Ethiopia
- Folder 13: Coprolites Geophage, 1967-68
- Folder 14: Mali Delta Zone Agriculture, 1968
- Folder 15: Origin of Maize Meeting, Sep., 1969
- Folder 16: Martin Hohensee (Age 12), 1971
- Folder 17: Oryza Distribution Wild Rice T.T. Chang, 1973
- Folder 18: Genetic Recall, ca. 1973-76
- Folder 19: Plant Studies Group China Visit, 1974
- Folder 20: Chinese and Indian Agriculture, 1975
- Folder 21: Vavilov, N.I., 1974-78
- Folder 22: "Genetic Resources of Crops that Feed the World", ca. 1977 by Jack Harlan
- Folder 23: International Agronomy Award Meyer Medal, 1976
- Folder 24: 10 Years of Crop Evolution Laboratory (CEL) Annual Staff Review, 1977
- Folder 25: Denmark, 1978
  - Accepted but never published
- Folder 26: "A New Genetics Emerging", 1984 Speech given at University of Kentucky, Lexington

## Sub-Series 7: Personal Subject File

#### <u>Box 7</u>:

- Folder 1: Personnel Actions Jack R. Harlan, 1942, 1949-66
- Folder 2: J.R. Harlan Correspondence, 1942-43, 1966, 1973-84
- Folder 3: Passports J.R. Harlan, 1948, 1960, 1968, 1971, 1976
- Folder 4: Photographs, ca. 1942-80
- Folder 5: Photographs Turkey (Thrace), Istanbul, Kirklareli, Edirne, (Black Sea), Sinop, Ordu, Unye
- Folder 6: Photographs Turkey (Northeast), Karsd, Rize, Artvin, Trabzon, Gumushane
- Folder 7: Photographs Turkey (East), Agri, Van, Hakkari
- Folder 8: Photographs Turkey (Aegean), Canakkale, Izmir, Manisa, Bursa

Folder 9: Photographs - Turkey (West / Southwest), Aydin, Mugla

- Folder 10: Photographs Turkey (Southwest), Antalya, Burdur
- Folder 11: Photographs Turkey (Southeast), Diyarbakir, Mardin, Urfa, Maras, Malatya, Mus
- Folder 12: Photographs Turkey (Central), Tokat, Erzinean, Amasya, Kayseri (Urgup)
- Folder 13: Photographs Afghanistan and Pakistan, 1960
- Folder 14: Photographs Iran, 1960
- Folder 15: Photographs Expedition Negatives, 1960View associated digital content.
- Folder 16: Cayonu, Turkey Archaeological Excavation, 1964
- Folder 17: National Academy of Sciences Election Congratulations, 1972
- Folder 18: Photographs International Genetics Congress Moscow, Copenhagen, 1978
- Folder 19: Nagoya University Sabbatical, 1979
- Folder 20: Photography Wheat Harvesting Ethiopia and Osage Indians; Wheat Sickling in Southeast Turkey, Undated
- Folder 21: Photography Origins of Agriculture Seminar Charles A. Reed, 1973

# Series 2: Papers of Harry V. Harlan

Papers of Harry V. Harlan, USDA Agronomist (1909-44), includes correspondence, manuscripts, photographs, and publications relating to barley, crop exploration, production and travel in the Philippines (1906-09), Peru (1913-14), Eastern Europe (1919), Algeria, India, and Ethiopia (1923), Necholai I. Vavilov, and research stations in Arizona and Idaho.

# <u>Box 8</u>:

Folder 1: Biographical, ca. 1942 Folder 2: Publications Lists, 1941-43 Folder 3: Publications, 1906-22 Folder 4: Publications, 1929-43

# **Sub-Series 1: Correspondence**

Folder 5: Correspondence, 1905-10

Kansas State transcript, Philippine teaching position, photographs and accounts, USDA plant breeding assistant appointment (1909)

Folder 6: Correspondence, 1912-20

W. Spillman, letters from Macedonia (1913) and Mexico/South America (1915)

- Folder 7: Correspondence, Peru, Oct. 11, 1913 Apr. 12, 1914
- Folder 8: Cereal Investigation report, "Juliaca 1914 & 1419", 1914, 1919 (Digital Surrogate)

Folder 9: Correspondence, Europe, May-Sep., 1919

Service in Europe as an agronomist to study wheat production problems, supplies and demands in cooperation with the United States Food Administration and the American Relief Administration, England, France, battlefield tours, Mt. Cenis Pass, Turin, Venice, Trieste, Croatia, Slavonia, Belgrade, Hungary, Temisvar, Bucharest (Rumania),

	Transylvania, Bukovina, Galicia, Moravia, Austria, Bohemia, Germany, Belgium, letters
	& official documents
Folder	10: European Agriculture Manuscript for Publication, 1919 (Digital Surrogate)
	"The Wheat and Rye Crops of Europe, 1919", 20 pp. manuscript and four page memo on
	method of computing probable yields in Eastern Europe
Folder	11: Correspondence, 1921-22
Folder	12: Correspondence, Algeria, FebApr., 1923
	Barley studies, letters and diary
Folder	13: Correspondence, Egypt and India, May-Aug., 1923
	Cairo, Poona, Ganderfal (Kashmir), Srinagar, Indian Ocean travel
Folder	14: Correspondence, Ethiopia and France, AugJan., 1923
	Letters and reports on barley
Folder	15: Correspondence, 1924-25
	Amharic documents, letters fro Haile Selassie
Folder	16: Correspondence, 1926
	Amharic letter, manuscripts "An Agricultural Adventure in Punjab and Kashmir"

# <u>Box 9</u>:

Folder 1: Correspondence, 1927-29 Family news and travel Folder 2: Correspondence, 1930-39 N.I. Vavilov (Leningrad) Folder 3: Correspondence, 1941-44

Folder 4: Correspondence, Undated

# Sub-Series 2: Journals

Folder 5: Peruvian	Trip Journals,	1913-14
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Service as agricultural expert for the Peruvian Corporation, rail travel, exploration, crops, Arequipa (October 29-November 6), Juliaca (November 7-March 8), Cuzco, notes on vegetation and topography, November 4-8, 1913, barley plantings, Indians, Christmas customs and travel (December 2-January 6), Juliaca & Lake Titicaca, Andes & Peru, railroads, Cuzco, Sicuani, barley plantings, plants, houses, travel, Incan buildings & legends (February 7-March 16, 1914)

Folder 6: Journals, Peru, 1913 Four volumes

Folder 7: Journals, Europe, 1919

2 volumes with transcriptions - Acquitania to Southampton. London & Paris, Verdun battlefield. Rheims & Soissons. Lyon. Turin (May 26) & Venice. May 31-June 3--travel from Trieste to Belgrade. Transylvania. Bucharest (June 11). Auto trouble. Lemberg (June 19). Refugees. Anti-Semitism. Warsaw (June 22-25). Germany. Netherlands. July

8--return to Paris after 5000 mile auto trip in 46 days. France, Italy, Croatia, Slavonia, Serbia, Banat, Transylvania, Rumania, Bukovina, Galicia, Poland, Germany, Holland, Belgium

Folder 8: Journal, 1923-24

Paris to Marseilles and Algiers. Camel riding. Cairo (May 2-10). Egyptian horticultural station. Bombay & Poona, India (May 25-June 3). Simla & Kashmir. Addis Ababa (November 3) and Modjo (November 15). Travel in Ethiopia (December 16, 1923-February 10, 1924). Teff fields, churches.

# Sub-Series 3: Subject File

Box 10:

Folder 1: Philippines, Glass Plates, ca. 1906

Folder 2: Igorot Agricultural System, ca. 1909

Folder 3: Passports - H.V. Harlan, 1919, 1923, 1927

Folder 4: Field Notes, 1923-24

Folder 5: Abyssinia Lecture, ca. 1925

Folder 6: "My Life with Barley" Illustrations, ca. 1942

Folder 7: Barley Photograph Prints, Sacaton, Ariz., 1944

Folder 8: Cereal Crops, USDA, Barley Negatives, Sacaton, Ariz., 1944

# <u>Box 11</u>:

Folder 1: Barley, 1944

Folder 2: Books, Undated

Sandwich Islands Mission (1816): Arabic phrasebook

Folder 3: Cards and Book Outline, Undated

Folder 4: Children's Literature and Doggerel, Undated

Folder 5: Currency, European, 1910-19

Folder 6: Family Photographs, Undated

Folder 7: Fiction Manuscripts, Undated

Folder 8: Idaho, Undated

Folder 9: Pope Cereals, 1941

# <u>Box 12</u>:

Folder 1: Manuscripts, 1906-40

Folder 2: Manuscripts, Philippines and Far East, ca. 1907-12

Folder 3: Manuscripts, Barley Book, Undated

Folder 4: Manuscripts, Undated

Folder 5: Manuscript Data Sheets and Photographs, 1941-43

Folder 6: Maps, ca. 1923

New York and North Africa Folder 7: Physics Research Laboratory Addition, 1977 VHS videotape dub of movie of construction

# <u>Box 13</u>:

Folder 1: One Man's Life With Barley, 1957

Folder 2: "Wonders of the Past" re: Ancient Agriculture, Undated (Digital Surrogate)

Folder 3: Correspondence, 1904-05

Missouri politics, Indians, farmers letters of J.C. Spees

Folder 4: Manuscript on Food Conditions in Eastern Europe, 1919

- Folder 5: Manuscript, Europe, 1919 (Digital Surrogate)
- Folder 6: North American Reviews, "War Weekly", 1918-19
- Folder 7: Maps, Peru, 1913
- Folder 8: Maps, Balkans, Czechoslovakia, Italy, Europe, 1919
- Folder 9: Maps, France, Germany, Italy, 1919
- Folder 10: Maps, Rumania, 1919
- Folder 11: Maps, Poland, Russia, Yugoslavia, 1919
- Folder 12: Newspaper, Peru, 1913-15
- Folder 13: Publication, "Education in the Philippines", July, 1907
- Folder 14: Map, Philippines, Geography, 1902

## Sub-Series 4: Photographs

## Box 14:

- Folder 1: Photographs, Algeria, 1923
- Folder 2: Photographs, Austria, 1919
- Folder 3: Photographs, Belgium, 1919
- Folder 4: Photographs, Czechoslovakia, 1919 (Digital Surrogate)
- Folder 5: Photographs, Eastern Europe, 1919
- Folder 6: Photographs, Egypt and Aden, 1923-24
- Folder 7: Photographs, England, Holland, Japan, and Switzerland Travel Literature, Undated
- Folder 8: Photographs, Ethiopia, 1923
- Folder 9: Photographs, France, 1919, 1923
- Folder 10: Photographs, Travel Literature, France and Paris, 1919-23
- Folder 11: Photographs, Argonne and Somme, 1919
- Folder 12: Photographs, Paris Victory Parade, 1919
- Folder 13: Photographs, Verdun, 1919
- Folder 14: Photographs, Cote D'Azur Travel Literature, 1919-23

Box 15:

- Folder 1: Photographs, Germany, 1919
- Folder 2: Photographs, Hungary, 1919
- Folder 3: Photographs, India, 1923-24
- Folder 4: Photographs, Kashmir, 1923
- Folder 5: Photographs, Bombay, Delhi, and Poona, 1923
- Folder 6: Photographs, Italy, Cenis, Venice, and Triests, 1919

## Box 16:

- Folder 1: Photographs, Netherlands, 1919
- Folder 2: Photographs, Peru, 1913
- Folder 3: Photographs, Philippines, ca. 1906
- Folder 4: Photographs, Poland, 1919
- Folder 5: Photographs, Rumania, Transylvania, 1919
- Folder 6: Photographs, Rumania, Bukovina, and Moldavia, 1919
- Folder 7: Photographs, Spain, Undated
- Folder 8: Photographs, United States, Staff and Research Station, ca. 1930-40 Aberdeen, Idaho, Shaw's Ranch
- Folder 9: Photographs, United States, Crater Lake, and West, Undated
- Folder 10: Photographs, Yugoslavia, Croatia, Belgrade, and Slavonia, 1919
- Folder 11: Photographs, Alaska-Tibet and Unidentified, Undated

## Sub-Series 5: Photograph Negatives and Slides

<u>Box 17</u>:

Folder 1: Photograph Negatives - Igorots-Luzon, Philippines (5 X 7 glass) Item 1: Native with Four Human Skulls
# 1
Item 2: Village - Straw Huts with Rice Fields in the Background
# 2
Item 3: Village and Fields in Mountains
# 3
Item 4: Two Native Men
# 4
Item 5: Group of Natives
# 5
Item 6: Mountains and Valley
# 6
Item 7: Waterfall in Mountains
# 7

Folder 2: Philippine Islands (5 X 7 glass) Item 1: Rocky Landscape with Mountain in Background #8 Item 2: Natives in Thatched Hut #9 Item 3: Man, Woman, and Natives #10 Item 4: Natives in Village - Spears in Foreground #11 Item 5: Native with Spear #12 Item 6: Two Native Women #13 Item 7: Natives in Front of Shelter #14 Item 8: View from Above - Fields and Village #15 Item 9: Two Natives at Work #16 Item 10: Beach and Ship Offshore #17 Item 11: Large Gathering of Natives #18 Item 12: Nine Native Men with Packs and Spears #19 Item 13: Hilly Landscape # 20 Item 14: Field of Grain - Mountains and Village in Background #21 Item 15: Fields on Mountainside # 22 Item 16: Village Street - Two-Story Buildings and Palm Trees #23 Item 17: Native Men #24 Item 18: Man on Beach, People in Boat Offshore # 25 Item 19: Four Natives Working #26 Item 20: Oxen in Water - Water Buffalo? #27 Item 21: Field in Foreground, Mountain in Background #28

Item 22: Man with Water Buffalo? In Background # 29 Item 23: Cloudy Landscape? # 30 Item 24: Native Woman Weaving in Village #31 Item 25: Water Buffalo? In Water, One Native # 32 Item 26: Piles of Straw in Field #33 Item 27: Baskets? Hanging in Hut #34 Item 28: Panoromic View, Mountains, Valley, Fields, Village #35 Item 29: "299 Rice Fields Banquet" #36 Item 30: Native Man, Turban and Staff # 37 Folder 3: Philippines Item 1: 2 X 3 Glass Slide - "Plate XXIV," 3 Natives #38 Item 2: 2 X 3 Glass Slide - "Plate XXIV," 3 Natives # 39 Item 3: 2 x 3 Glass Slide - Hillside with Rice Fields # 40 Folder 4: Minnesota (5 X 7 glass negatives) Item 1: Pink Ladyslipper #1 Item 2: Wild Rice #2 Item 3: Dairy (?) Woods - St. Paul A.I. #3 Item 4: Logan / Good St. Paul #4 Item 5: Logan Cattle, St. Paul #5 Item 6: Wild Rice #6 Item 7: Wild Rice #7 Item 8: House Interior #8 Item 9: House Interior - Mr. Bill

#9 Folder 5: Bill and Jack When Small (5 X 7 glass plates) Item 1: Boy (Bill) in Sailor Suit in Front of Door #1 Item 2: Bill in Sailor Suit #2 Item 3: Bill with Little Boy in Wicker Seat (Jack) #3 Item 4: Jack #4 Item 5: Two Boys (Bill and Jack) #5 Item 6: Jack #6 Folder 6: Minnesota (4 X 5 glass negatives) Item 1: Wild Rice #10 Item 2: Woods #11 Item 3: Boulevard - Minnesota #12 Item 4: Ilwaco Bridge #13 Item 5: Rice - Augusta #14 Item 6: Lilacs #15 Item 7: Ilwaco Bridge #16 Item 8: Birches #17 Item 9: Field and Tree #18 Item 10: Rice #19 Folder 7: Peru (4 X 5 glass plate negatives) Item 1: Man in Field with Barley? #1 Item 2: Three Men in Ponchos #2 Item 3: Negative Film - Man in Field with Barley? #3 Item 4: Fields

#4 Item 5: Group of Natives # 5 Item 6: Man in Scrubby Field #6 Item 7: Village, Field and Animals #7 Item 8: Mountains and Valleys #8 Item 9: Natives Outside Stone Building #9 Item 10: Two Native #10 Item 11: Field with Sheep, Mountain in Background #11 Item 12: Animal, Buildings in Background #12 Item 13: Group of Llamas Outside Buildings #13 Item 14: Man in Field with Crop - Bude? #14 Item 15: View of Rocky Landscape #15 Item 16: Building with Water in Foreground #16 Item 17: Sheep in Field #17 Item 18: Man at Edge of Rocks Overlooking Plain Below #18 Item 19: Man on Mountaintop - Mountain in Background #19 Item 20: Two Men - Plowing with Oxen and Planting # 20 Item 21: Gran Hotel Ratti #21

# Sub-Series 6: Ethiopia And Kashmir Photographs

## <u>Box 18</u>:

Folder 1: "A Caravan Journey through Abyssinia", Jun., 1925
Article from National Geographic Magazine
Folder 2: Ethiopia and Kashmir Photograph Lists

Folder 3: Glass Slides - Box A Item 1: Map of Northern Africa - Algeria Item 2: Railroad Siding and Dock Item 3: Roamn Ruins Timgad Item 4: Roman Ruins Amphitheater Item 5: Building - Landscaped Door Item 6: Ravine - Bridge in Background Item 7: Cave Item 8: Village in Mountiains Item 9: Native Group in Mountain Pass Item 10: Crop and Goats Item 11: Crop in Palm Trees Item 12: Natives Carrying Forage Crop - NGS Item 13: Palm Tree in Desert Item 14: 3 Palm Trees in Desert Item 15: Oasis in Dunes Item 16: Horse and Water Pump Item 17: Native Harvesting Ground Nuts Item 18: Natives at Oasis Item 19: Dwellings in Palm Trees Item 20: Beggar Item 21: Street Scene in City Item 22: Algerian Boy Item 23: Native Pouring Grain into Cans Item 24: 3 Algerian Boys Item 25: 3 Algerian Girls Item 26: 3 Algerian Women Item 27: Algerian Woman in Elaborate Dress Item 28: Algerian Woman Eating Date Item 29: Woman with Flowers Item 30: Camels in Street Item 31: Camel Skeleton in Desert Item 32: Road in Countryside Item 33: Panoramic View of Countryside Item 34: Burros Pulling Drag Item 35: Oxen Pulling Cultivator Item 36: Town Buildings along Stream Item 37: Building with Flowers over Door Item 38: Village House Item 39: Small Ship in Port Item 40: Sailing Vessel along Shore at Night Item 41: Harlan Children in Provence by Pool

Item 42: Outline Map of Africa

Item 43: View of Field Item 44: Camel Pulling Drag Item 45: Family Washing Baby at Desert Camp Item 46: Oxen Turning Water Wheel Item 47: Natives Putting Fertilizer on Field Item 48: Irrigation Ditch Item 49: Ditch outside Village Wall Item 50: Village on Waterway Folder 4: Glass Slides - Box B Item 1: 2 Camels, Railraod Cars with Cane Crop Item 2: Camel with Load of Straw Item 3: Camel and Plowing Field Item 4: Sheep Item 5: Two men and Burro with Load of Forage Crop Item 6: Oxen Milling Grain Item 7: Oxen Pulling Implement on Grain Item 8: Lake in Front of Mountains Item 9: Camel Caravan in Front of Hill Item 10: 1918 Map of Ethiopia Item 11: Railroad Train in Ethiopia Item 12: Addis Ababa - Railroad Station Item 13: Addis Ababa - Street Scene Item 14: Village Huts in Plain Item 15: Building with Corrugated Roof Item 16: Ethiopian with Six Burros on Road Item 17: Boy with Staff Item 18: Pony with Saddle Item 19: Oxen Plowing Field Item 20: Valley with Flowering Trees and Huts Item 21: Tree with Nests Item 22: Trees Item 23: Hat in Tree Item 24: Path Through Wooded Area Item 25: Cattle in Field Item 26: Ethiopian with Rifle by Tree Item 27: View of Fertile Valley Item 28: Twelve Ethiopians Item 29: Ethiopian Warrior Item 30: Group of Ethiopians and Retinue of 17 Item 31: Haile Selassie on Throne Item 32: Haile Selassie Mounted with Retinue Item 33: Ethiopian Group Laying Foundation Item 34: Camp with Buildings Hill

Item 35: Dozen Ethiopians with Rifles in Front of Wall Item 36: Ethiopian Chief on Throne Behind Carpet Item 37: Cattle and Threshing Item 38: Cattle Grazing Item 39: Ethiopian Standing in Field Item 40: Field, Crop and Platfrom Item 41: Tree with Bale Item 42: Thatch Hut or Stack Item 43: Two Thatched Huts and Pile of Crop Item 44: Agricultural Countryside Item 45: Party of Ethiopians with Goats, Rife and Skull - Cow Item 46: Meat Picnic Item 47: Flowering Tree Item 48: Two Men - Operation on Head Item 49: Cutting Back of Goat Item 50: Street Scene - Addis Ababa Folder 5: Glass Slides - Box C Item 1: Kashmir - India? - Waterfall and Waterway Item 2: Pool and Arches Item 3: Fountains in Garden Item 4: Pavillion over Waterway Item 5: Terraced Garden and Waterway Item 6: Waterfall into Pool Item 7: Shalimar House with Balconies and Waterfall Item 8: Fountain Stream Item 9: Houses on Hillside Flowers Item 10: Daisies and Other Flowers Item 11: Mountain and Village Item 12: Mountain Trail Item 13: Sunset over Temple Item 14: Building and Garden Item 15: Warrior on Horse Slaving Dragon - Painting Item 16: Tapestry or Wall Painting Item 17: Drums in front of Tapestry Item 18: Clothed and Unclothed Figures in Painting Item 19: Evil Figure - Painting Item 20: Crowd under Umbrellas - Ethiopia Item 21: Thatched Roof Village - Ethiopia Item 22: Crowd of People - Ethiopia Item 23: Amharic People - Crowd in Market Item 24: Building in the Ground Item 25: People by Building in Ground Item 26: Religious Arches

Item 27: Religious Building in Hillside Item 28: Arches outlined on Ground Item 29: Temple Item 30: Stone Design Item 31: People at Religious Building in Ground Item 32: View of Fields in Countryside Item 33: Huts in Rocks with Valley Item 34: Tents under Tree Item 35: Four Ethiopians with Cow Carcass Item 36: Ras Aieri - Ethiopian Chieftain and Wife Dessie Item 37: Ethiopian Chieftain Item 38: Reeds Sticking out of Well Item 39: Sunset in Hills Item 40: Pack Burros and Men on Path Item 41: Huts in Mountainous Area Item 42: Fields Viewed From Height Item 43: Chieftain with Retinue Item 44: Haile Selassie - Mounted with Retinue Item 45: Two Men Spears Fishing at Seaside Item 46: Bridge - Abandoned Item 47: Stone Path Item 48: Fortified Builling or Palace Item 49: Palace Item 50: Temple Item 51: Abandoned Building Item 52: Burros Drinking From Rocky Pool Item 53: Tent Underneath Tree Item 54: Horses Underneath Tree Item 55: Man Standing in Interior Aisle Looking at Panels Item 56: Building with Roof Ornament Item 57: Group of Women and Porters Item 58: Porters Item 59: Crowd on Hillside Folder 6: Box C - India Item 1: Pool Item 2: Cattle Item 3: Man at Tree Item 4: Women at Water Item 5: Palace Grounds Item 6: Lake and Buildings Item 7: Tent near Tree Item 8: Bullocks Pulling Cart Item 9: Rice or Water Crop

Item 10: Fields in Mountain Valley Item 11: Valley Scene Item 12: Lakeside Item 13: Bridge or Mill Item 14: Watering Plants Item 15: Waterfall and Pool in front of Building Item 16: 4 Indian Men Item 17: Lake Item 18: Daisies and Flowers Item 19: Residence in Mountains Item 20: Woman at Water Item 21: Valley with Trees in Background Item 22: Animal at Market? Item 23: Boats at Dock Item 24: Hillside - Rocky Foreground Item 25: Field and Buildings Item 26: Rice Crop Item 27: Field and Mountains Item 28: Crop and Mountains Item 29: Palace Grounds and Buildings Item 30: Mountainside with Cattle Item 31: Man with Oxen Item 32: Tree Item 33: Oxen Pulling Cart with Sacks Item 34: Man in front of Thatched Hut Item 35: River or Stream in Mountains Item 36: Men Driving Oxen - Building in Background Item 37: Man in Suit with Flowering Plants - Minister for Kashmir - Ram Gapal Gofral? Item 38: Man in Turban next to Bushy Plant Item 39: Field with Crop Item 40: Hilly Stacks in Field Item 41: Field and Tree Folder 7: Box D Item 1: Field, Pool, and Trees Item 2: Tree with Huge Nest Item 3: Palace Item 4: Field with Trees in Background Item 5: Rice Field Item 6: River and River Bank Item 7: Stone Wall and Building Item 8: Men Doing Construction Work

#### Sub-Series 7: Oversize Materials

<u>Box 19</u>:

Folder 1: Photographs - Europe Folder 2: Photographs - Ethiopia Folder 3: Photographs - Kashmir Folder 4: Photographs - Peru Folder 5: Certificates