

8/6/25
Agriculture
Agronomy
Jack R. Harlan Papers, 1948-84

Box 1:

Anthropology correspondence, 1961-63, 1965

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

1966-72 (7 folders)

1973

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

1974-75 (2 folders)

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.

1977-78 (2 folders)

1979

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

General/student correspondence, April-November 1967

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

1968-79 (12 folders)

March-November 1980

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

1981

Includes Harlan's "Social and Ethical Dimensions of Plant and Animal Genetic Research with Respect to Food and Environment" (4 pp.)

January/October 1982

Grasslands of Oklahoma by Jack R. Harlan (unpublished), ca. 1957

Agronomy/botany correspondence, 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.

March-September 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, Njola University College Terminal report, 1968

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

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."

Agronomy/botany correspondence, 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

1971

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

1972

Includes correspondence with George Beadle concerning teocintle in Mexico

1973

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

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 Internacional De Agricultura Tropical) concerning centers of origin and the success of exotic crops

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

1976

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

1977

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

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

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.

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

1981

1982-84

Includes correspondence with Patrick Hayes (University of Minnesota) concerning synchronous 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"

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

Collection lists, phytosanitary certificate, 1948, 1960, 1974

Includes numbered listings from 1948 Near East expedition

1960-61 collection list (Iran, Afghanistan, Pakistan, India, Ethiopia), West Africa notes, sorghum numbers (University of Illinois), 1961, 1968, 1983

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

Box 2:

Field notes and collection lists

Collections: #1-1500, USDA expedition to Turkey, Syria, Iraq, Lebanon, 1948

#1501-3000, 1948

#3001-4500, 1948

#4501-6241, 1948

(6241-6500 are missing)

#6501-10,000, 1948

#1-1440, 34 booklets from USDA expedition to Iran, Afghanistan, Pakistan, India and Ethiopia, 1960

#1441-2122, 1960 (1 field notebook)

Senegal, Mali, Upper Volta, Nigeria, Brussels, Florence, 1967-68

Sudan, Chad, Nigeria, Niger, 1968

Sudan, Uganda, Kenya, Ethiopia, 1969-70

Palestine, Uganda, Kenya, Tanzania, 1970

India, Burma, Malaya, Philippines, Australia, 1972

Box 3:

Harry V. Harlan Correspondence, 1905-10

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

1912-20

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

Peru, October 11-April 12, 1914

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)

Cereal Investigation report, "Juliaca 1914 & 1419"

Europe, May 3-September 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, Hungard, Temisvar, Bucharest (Rumania), Transylvania, Bukovina, Galicia, Moravia, Austria, Bohemia, Germany, Belgium, letters & official documents

"The Wheat and Rye Crops of Europe, 1919",

20 pp. manuscript and four page memo on method of computing probable yields in Eastern Europe

Correspondence, Algeria, February 16-April 24, 1923

Barley studies, letters and diary

Egypt and India, May 1-August 21, 1923

Cairo, Poona, Ganderfal (Kashmir), Srinagar, Indian Ocean travel

Ethiopia and France, August 25-December 1923

Letters and reports on barley

1924-25

Amharic documents, letters from Haile Selassie

Box 4:

Correspondence, 1926

Amharic letter, manuscript "An Agricultural Adventure in Punjab and Kashmir"
1927-29

Family news and travel

1930-39

N.I. Vavilov (Leningrad)

1941-44

Arizona & Idaho

Biographical, ca. 1942

Journals, Peru (4), 1913

Europe (2 with transcriptions), 1919

Trip to study grain harvest in Eastern Europe, May 21, 1919-July 9, 1919

Acquintania 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

July 20, 1919

Account of July 14 victory parade in Paris. Copies of two letters Harry V. Harlan (New Delhi, India) to F.D. Farrell (Paris), June 4 & 22, 1963

Algeria, Egypt, India, Ethiopia, 1923-24

Journal, March 18, 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.

Box 5:

Photographs

Algeria, 1923

Austria, 1919

Czechoslovakia, 1919

Eastern Europe, 1919

Egypt & Aden, 1923-24

England, Holland, Japan & Switzerland Travel Literature

Ethiopia, 1923

France, 1919, 1923

Travel literature, France & Paris, 1919-23

Argonne & Somme, 1919

Paris Victory Parade, 1919

Verdun, 1919

Cote d'Azur Travel Literature, 1919-23

Box 6:

Photographs (continued)

Germany, 1919

Hungary, 1919

India, 1923-24

Kashmir, 1923

Bombay, Delhi & Poona, 1923

Italy, Cenis, Venice & Triests, 1919

Box 7:

Photographs (continued)

Netherlands, 1919

Peru, 1913

Philippines, ca. 1906

Poland, 1919

Rumania, Transylvania, 1919

Rumania, Bukovina & Moldavia, 1919

Spain

United States
 Staff & Research Station, ca. 1930-40
 Aberdeen, Idaho, Shaw's Ranch
 Crater Lake & West
 Yugoslavia, Croatia, Belgrade & Slavonia, 1919
 Alaska-Tibet & unidentified

Box 8:

Barley, 1944
 Books
 Sandwich Islands Mission (1816): Arabic phrasebook
 Cards & book outline
 Children's literature & Doggerel
 Currency, European, 1910-19
 Family photographs
 Fiction manuscripts
 Idaho
 Pope Cereals, 1941

Box 9:

Manuscripts, 1906-40
 Philippines & Far East, ca. 1907-12
 Barley book
 Undated
 Manuscript data sheets & photographs, 1941-43
 Maps, ca. 1923
 New York & North Africa
 Physics Research Laboratory Addition, 1977
 VHS videotape dub of movie of construction
 Publications lists, 1914-43
 Publications, 1906-22
 1929-43

Box 10: (oversize)

One Man's Life with Barley (New York, 1957), autobiography
 "Wonders of the Past" on ancient agriculture
 Missouri politics, Indians, farmers letters of J.C. Spees, 1904-05
 Manuscript on Food Conditions in Central Europe, 1919
North American Reviews "War Weekly", November 1918-March 1919
 Philippine edition of geography text, 1902
 Maps, Peru, 1913
 Balkans, Czechoslovakia, Italy, Europe, 1919
 France, Germany, Italy, 1919
 Rumania, 1919
 Poland, Russia, Yugoslavia, 1919
 Newspaper, Peru, 1913-15
 Publication, "Education in the Philippines, July 1907"

Box 11: (oversize)

Photographs, 1919-23

Box 12:

Photograph negatives (glass 6 film)

Igorots-Luzon, Philippines (5 x 7 glass)

1. native with four human skulls
2. village-straw huts with rice fields in background
3. village and fields in mountains
4. two native men
5. group of natives
6. mountains and valley
7. waterfall in mountains?

Philippine Islands (5 x 7 glass)

8. rocky landscape with mountain in background
9. natives in thatched hut
10. man, woman, and natives
11. natives in village--spears in foreground
12. native with spear
13. two native women
14. natives in front of shelter
15. view from above--fields and village
16. two natives at work
17. beach and ship offshore
18. large gathering of natives
19. nine native men with packs and spears
20. hilly landscape
21. field of grain--mountain & village in background
22. fields on mountainside
23. village street--two story buildings and palm trees
24. native men
25. man on beach, people in boat offshore
26. four natives working
27. oxen in water--water buffalo?
28. field in foreground, mountain in background
29. man with water buffalo? in rice field
30. cloudy--landscape?
31. native women weaving in village
32. water buffalo? in water, one native
33. piles of straw in field
34. baskets? hanging in hut
35. panoramic view, mountains, valley, fields, village
36. "299 Rice Fields Banquet"
37. native man, turban and staff

Philippines

38. 2 x 3 glass slide--"Plate XXIV," 3 natives
39. 2 x 3 glass slide--"Plate XXIV," 3 natives
40. 2 x 3 glass slide--hillside with rice fields

Minnesota--5 x 7 glass negatives

1. pink ladyslipper
2. wild rice
3. dairy (?) woods--St. Paul A.I.
4. Logan/good St. Paul
5. Logan Cattle, St. Paul
6. wild rice
7. wild rice
8. house interior
9. house interior--Mr. Bill

4 x 5 glass negatives

10. wild rice
11. woods
12. Boulevard--Minnesota
13. Ilwaco Bridge
14. rice--Augusta
15. lilacs
16. Ilwaco Bridge
17. birches
18. field & tree
19. rice

Bill & Jack when small--5 x 7 glass plates

1. boy (Bill) in sailor suit in front of door
2. Bill in sailor suit
3. Bill with little boy in wicker seat (Jack)
4. Jack
5. two boys (Bill & Jack)
6. Jack

Peru--4 x 5 glass plates negatives

1. man in field with barley?
2. 3 men in ponchos
3. negative film--man in field with barley?
4. fields
5. group of natives
6. man in scrubby field
7. village, field & animals
8. mountains and valleys
9. natives outside stone building
10. two natives
11. field with sheep, mountain in background
12. animal, buildings in background
13. group of llamas outside buildings
14. man in field with crop--Bude?
15. view of rocky landscape
16. building with water in foreground
17. sheep in field
18. man at edge of rocks overlooking plain below
19. man on mountaintop--mountain in background
20. two men--plowing with oxen and planting
21. Gran Hotel Ratti

Box 13:

"A Caravan Journey through Abyssinia," The National Geographic Magazine, June 1925

Glass slides--Box A

1. map of Northern Africa--Algeria
2. RR siding and dock
3. Roman ruins Timgad
4. Roman ruins amphitheater
5. building--landscaped door
6. ravine--bridge in background
7. cave
8. village in mountains
9. native group in mountain pass
10. crop and goats
11. crop in palm trees
12. natives carrying forage crop--NGS
13. palm tree in desert
14. 3 palm trees in desert
15. oasis in dunes
16. horse & water pump
17. natives harvesting ground nuts
18. natives at oasis
19. dwellings in palm trees
20. beggar
21. street scene in city
22. Algerian boy
23. native pouring grain into cans
24. 3 Algerian boys
25. 3 Algerian girls
26. 3 Algerian women
27. Algerian woman in elaborate dress
28. Algerian woman eating date
29. woman with flowers
30. camels in street
31. camel skeleton in desert
32. road in countryside
33. panoramic view of countryside
34. burros pulling drag
35. oxen pulling cultivator
36. town buildings along stream
37. building with flowers over door
38. village house
39. small ship in port
40. sailing vessel along shore at night
41. Harlan children in Provence by pool
42. outline map of Africa
43. view of field
44. camel pulling drag
45. family washing baby at desert camp
46. oxen turning water wheel

47. natives putting fertilizer on field
48. irrigation ditch
49. ditch outside village wall
50. village on waterway

Glass slides--Box B

1. 2 camels; RR cars with cane crop
2. camel with load of straw
3. camel and ox plowing field
4. sheep
5. two men and burro with load of forage crop
6. oxen milling grain
7. oxen pulling implement on grain
8. lake in front of mountains
9. camel caravan in front of hill
10. 1918 map of Ethiopia
11. RR train in Ethiopia
12. Addis Ababa--RR station
13. Addis Ababa--street scene
14. village huts in plain
15. building with corrugated roof
16. Ethiopian with six burros on road
17. boy with staff
18. pony with saddle
19. oxen plowing field
20. valley with flowering trees and huts
21. tree with nests
22. trees
23. hat in tree
24. path through wooded area
25. cattle in field
26. Ethiopian with rifle by tree
27. view of fertile valley
28. twelve Ethiopians
29. Ethiopian warrior
30. group of Ethiopian and retinue of 17
31. Haile Selassie on throne
32. Haile Selassie mounted with retinue
33. Ethiopian group laying foundation
34. camp with buildings on hill
35. dozen Ethiopians with rifles in front of wall
36. Ethiopian chief on throne behind carpet
37. cattle and threshing
38. cattle grazing
39. Ethiopian standing in field
40. field, crop and platform
41. tree with bale
42. thatch hut or stack
43. two thatched huts & pile of crop
44. agricultural countryside
45. party of Ethiopians with goats, rife and skull--cow

46. meat picnic
47. flowering tree
48. two men--operation on head
49. cutting back of goat
50. street scene--Addis Ababa

Glass slides--Box C

1. Kashmir-India?--waterfall & waterway
2. pool and arches
3. fountains in garden
4. pavilion over waterway
5. terraced garden and waterway
6. waterfall into pool
7. Shalimar house with balconies & waterfall
8. fountain stream
9. houses on hillside with flowers
10. daisies and other flowers
11. mountain and village
12. mountain trail
13. sunset over temple
14. building and garden
15. warrior on horse slaying dragon--painting
16. tapestry or wall painting
17. drums in front of tapestry
18. clothed and unclothed figures in painting
19. evil figure--painting
20. crowd under umbrellas--Ethiopia
21. thatched roof village--Ethiopia
22. crowd of people--Ethiopia
23. Amharic people--crowd in market
24. building in the ground
25. people by building in ground
26. religious arches
27. religious building in hillside
28. arches outlined on ground
29. temple
30. stone design
31. people at religious building in ground
32. view of fields in countryside
33. huts in rocks with valley
34. tents under tree
35. 4 Ethiopians with cow carcass
36. Ras Aieri--Ethiopian chieftain & wife Dessie
37. Ethiopian chieftain
38. reeds sticking out of well
39. sunset in hills
40. pack burros and men on path
41. huts in mountainous area
42. fields viewed from height
43. chieftain with retinue
44. Haile Selassie--mounted with retinue

45. two men spear fishing at seaside
46. bridge--abandoned
47. stone path
48. fortified building or palace
49. palace
50. temple
51. abandoned building
52. burros drinking from rocky pool
53. tent underneath tree
54. horses underneath tree
55. man standing in interior aisle looking at panels
56. building with roof ornament
57. group of women and porters
58. porters
59. crowd on hillside

Box C--India

1. pool
2. cattle
3. man at tree
4. women at water
5. palace grounds
6. lake and buildings
7. tent near tree
8. bullocks pulling cart
9. rice or water crop
10. fields in mountain valley
11. valley scene
12. lakeside
13. bridge or mill
14. watering plants
15. waterfall and pool in front of building
16. 4 Indian men
17. lake
18. daisies and flowers
19. residence in mountains
20. woman at water
21. valley with trees in background
22. animal at market?
23. boats at dock
24. hillside--rocky foreground
25. field and buildings
26. rice crop
27. field and mountains
28. crop and mountains
29. palace grounds and buildings
30. mountainside with cattle
31. man with oxen
32. tree

33. oxen pulling cart with sacks
34. man in front of thatched hut
35. river or stream in mountains
36. men driving oxen--building in background
37. man in suit with flowering plants--minister for Kashmir--Ram Gopal Gofral?
38. man in turban next to bushy plant
39. field with crop
40. hilly stacks in field
41. field and tree

Box D

42. field, pool and trees
43. tree with huge nest
44. palace
45. field with trees in background
46. rice field
47. river and river bank
48. stone wall and building
49. men doing construction work